

# Index to Authors

Vol 99 - 1983

Names beginning with de, la, le, van, von, etc., are indexed under the surname.

## Abbreviations of Names of Firms, etc.

AATCC	American Association of Textile Chemists and Colorists
Acna	Aziende Colori Nazionali Affini
ACY	American Cyanamid Co.
BASF	Badische Anilin- & Soda-Fabrik A.G.
BAY	Farbenfabriken Bayer A.G.
CFM	Cassella Farbwerke Mainkur A.G.
CGY	Ciba - Geigy Ltd
CSIRO	Commonwealth Scientific and Industrial Research Organisation
DIC	Dainippon Ink & Chemicals Inc.
DUP	E.I. du Pont de Nemours & Co. Inc.
Fran	Produits Chimiques Ugine Kuhlmann
FW	VEB Chemiekombinat Bitterfeld
GAF	GAF Corp
HOE	Hoechst A.G.
ICC	Interchemical Corp
ICI	Imperial Chemical Industries plc
ICI(A)	Imperial Chemical Industries of Australia
ICI(US)	Imperial Chemical Industries of the United States
KVK	Kemisk Varek Koga A/S
KYK	Nippon Kayaku Co.
MCI	Mitsubishi Chemical Industries Ltd
MDW	Mitsui Chemical Industry Co. Ltd
MMM	Minnesota Mining & Manufacturing Corp
NAC	Allied Chemical Corp
NSK	Sumitomo Chemical Co. Ltd
Rhone Poulenc	Société des Usines Chimiques Rhône-Poulenc
S	Sandoz A.G., Sandoz Products Ltd
YCL	Yorkshire Chemicals plc

## Symbols Used in Index

The following symbols have been added, where appropriate, after the names of authors.

C	Communication	D	Obituary
Corr	Correspondence	P	Proceedings
EP	Explanatory Paper	SP	Sponsored Publication

## A

Abdel-Ghani N T 387	Alien N S 38, 142
Abdou L A 350	Altenhofen U (C) 13
Abeta S 39, 174	Al'ter-Presotskii F L 399
Aboudar M O 397	
Abutabkirova K D 41	
Afanas'eva V A 399	Ameling B 73
Aggour S S 176	Anarmetova D 176
Agrawal D 43	Ando T (C) 92
Ahmed H 398	Andreeva L G 143
Aitken R (P) 150	Andrianjafy H (C) 86
Aizpurua L (C) 374	Androsov V F 283
Alberghini G 142	Angiuro L D' 144
Alberti G (C) 289	Antsimoova O M 316
Aleksandrov V P 237	Antsimoova V M 315
Aleksseev Yu A 115, 263	Anton A 114
Al-Hariri D K (C) 335	Arai Y 281
Al-Hassan L 281	Archer W L 43
Al'kin R (P) 150	Aristanbekov R 176
Alizpurua L (C) 374	Arkhipov A V 317
Alberghini G 142	Amer A 352
Alberti G (C) 289	Artimovskii A V 284
Aleksandrov V P 237	Artym M I 317
Aleksseev Yu A 115, 263	
Al-Hariri D K (C) 335	
Al-Hassan L 281	Ayyangar N R 39

## B

Babaev M Sh 399	Belogore E 142
Bailey D G 239	Bell V A 283
Baille C V 42	Bel'sov D (C) 118
Battinger W F 42	Bel'sov M 115
Bajaj P 282	Bel'sov V M 175
Bakardjewa-Petrowa St 238	Belyugov M I 281
Baker K L 41	Bent C J 281
Bali H 281	Bendék A 350
Banerjee B K 39	Benisek L (C) 154, (C) 261, 399
Banerjee J C 39, 281	Bensky A 144
Bannach K 143	Bercsenyi L G 115
Barantsev V M 281	Berek A 116, 351
Bardechev Yu N 398, 400	Bereseni G 397
Bardechev D 41	Berger K 399
Barne E 397	Bernard W 42
Barrett J C 320	Bernardo J R 352
Barry S 238	Bershev E N 284
Baso L A 284	Berwick W S 239
Baumgarde U 75	Betusho M (C) 60
Belen'kii L I 284	Bianchi D 282
Belen'kii G A 74, 115	Biedermann W (C) 363
	Bieler B 316
	Bienkiewicz K J 239
	Bierwagen G P 239

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ICI(A)	Imperial Chemical Industries of Australia
ICI(US)	Imperial Chemical Industries of the United States
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MCI	Mitsubishi Chemical Industries Ltd
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Abdel-Ghani N T 387	Alien N S 38, 142
Abdou L A 350	Altenhofen U (C) 13
Abeta S 39, 174	Al'ter-Presotskii F L 399
Aboudar M O 397	
Abutabkirova K D 41	
Afanas'eva V A 399	Ameling B 73
Aggour S S 176	Anarmetova D 176
Agrawal D 43	Ando T (C) 92
Ahmed H 398	Andreeva L G 143
Aitken R (P) 150	Andrianjafy H (C) 86
Aizpurua L (C) 374	Androsov V F 283
Alberghini G 142	Angiuro L D' 144
Alberti G (C) 289	Antsimoova O M 316
Aleksandrov V P 237	Antsimoova V M 315
Aleksseev Yu A 115, 263	Anton A 114
Al-Hariri D K (C) 335	Arai Y 281
Al-Hassan L 281	Archer W L 43
Alitkin R (P) 150	Aristanbekov R 176
Aizpurua L (C) 374	Arkhipov A V 317
Alberghini G 142	Amer A 352
Alberti G (C) 289	Artimovskii A V 284
Aleksandrov V P 237	Artym M I 317
Aleksseev Yu A 115, 263	
Al-Hariri D K (C) 335	
Al-Hassan L 281	Ayyangar N R 39

## B

Babaev M Sh 399	Belogore E 142
Bailey D G 239	Bell V A 283
Baille C V 42	Bel'stov D (C) 118
Battinger W F 42	Bel'stov M 115
Bajaj P 282	Belyugov M I 281
Bakardjewa-Petrowa St 238	Bent C J 281
Baker K L 41	Bendék A 350
Bali H 281	Benisek L (C) 154, (C) 261, 399
Banerjee B K 39	Bensky A 144
Banerjee J C 39, 281	Bercsenyi L G 115
Bannach K 143	Berek A 116, 351
Barantsev V M 281	Bereseni G 397
Bardechev Yu N 398, 400	Berger K 399
Bardechev D 41	Bernard W 42
Barne E 397	Bernardo J R 352
Barrett J C 320	Bershev E N 284
Barry S 238	Berwick W S 239
Baso L A 284	Betsusho M (C) 60
Baumgarde U 75	
Belen'kii L I 284	Bianchi D 282
Belen'kii G A 74, 115	Biedermann W (C) 363
	Biller B 316
	Bienkiewicz K J 239
	Bierwagen G P 239

Bigun S A 114  
Bille H E 237  
Bilmeyer F W 238, 319  
Bilyaletdinova R D 175  
Binicheva I B 175  
Binkley J P 142  
Bokhina E A 115  
Biren F 352  
Bishop D M 320

Blank K-H 317

Blankenburg G 76, 116, 284, 351

Blinicheva I B 235, 317

Bluen H 75

Bium A 282

Bobrova G S 40

Bogdanov G A 144, 317

Bohren E 73

Borisovich Yu E 316, 350

Borovskii V R 144

Borova T F 40

Bossi R 142

Bossmann A 398

Bottaccio G 397

Braun W 284, 317

Bravary A F 238

Bredereck K 176

Brenner E 237

Breun M 116, 284

Brierley D (C) 358

Brown K 235

Brown R L 74

Bruschweiler H 316

Bryant G M 41, 74

Budzde E 236

Bulusheva N E 74, 115

Buono F 239

Burinskaya A A 115

Busova Z 238

Butlin J G 76

Byrne K M 400

Bystrov A M 237

## C

Caillet M 40, 236

Camp J G 41

Capponi M 44

Carbonell J 40, 73, 75

Carignano R 397

Carr W 76

Carr W W 283

Cashen N A 41

Cegarra J (C) 291, (C) 374

Cefnik K 142

Cerniani A (C) 280

Chamoli R P 159

Chavan R B (C) 126, 143, 397, 398

Cheever G D 238

Cheskin M A 281

Chernyshov B D 74, 115

Cherughi E V 114

Chimichi S 142

Choma J R 142

Christian S D (P) 78

Christov D 238

Chuguk V A 114

Coates E (EP) 303, (EP) 382

Coban S 144

Cochran D 174

Cook J R 237

Cooke T F 399

Cooper R N 76

Corning D 320

Cote W A 320

Covington A D 320

Cowley A C D 43

Craven P C 399

## D

Dabuzhinskene R F 283  
Dagle D J 144, 237  
David H G 42  
Davidson R S (C) 123  
Davis D M (C) 17  
Dawson J F (P) 183  
Dawson M 74

Denisova T A 316  
Deodhar K D 142  
Derbenevskii P Z 319  
Derkacheva V M 114  
Detscheva R 40, 283

Dikshit D V 142  
Dillmann G 236, 283, 351  
Di Modica G 397  
Dittrich J-H 76, 116, 351  
Domkivene V A 236  
Dorfner K 236  
Doshi B A 116

Dubankova N P 144  
Duckworth C (Comment) 353  
Duffield P A (C) 123  
Dugal S 42, 176  
Dyadyusha G G 397  
Dymova Z N 40  
Dzhanashvili M E 316

E

Ebbingham R 319

Eby R 175

Efremov G I 237

Egger W G 351  
Egorov N V 40  
Egorova Z N 74

Ehrler P 142, 400

Einsele U 114, 144

El-Thalouth I A 40  
Eltz H -U von der 281, 316, 350

Epps H H 75, 400

F

Fawcett A H 239

Feller R L 42

Ferguson C A 176

Fiebig D 73, 175, 235, 319

Finlay-Maxwell D (Comment) 117

Fittig U 352

Fleischfresser B E 237

Fleissner 318

Fior R V 236

Föhles J (C) 13

Fornelli S 142

Fourné F 76

Fox E 318

Frank A W 144

Frey P (C) 286

Fries W de (C) 13

Frolov I 115

Frolova A M 144

Fujio S 39, 174

Fumoto I 319

Furkert F 318

## G

Gafuri P D 239  
Gailey I (P) 253  
Galbraith L S 75  
Gandol'man L Z 142  
Gardette J L 39  
Garnett J L 76  
Gavrilov V I 114  
Gawish S M 350

Gerasimov M N 236  
Gerber H 235  
Gerlinger D 175  
Gerrity E A 319

Giorgi M R de (C) 289

Glasser L 76

Glazunov V F 237

Gölden H-D 76

Götzberg V S 309

Gotoh K (C) 98

Gottschalk H 73

Grabov I N 144

Grachev S Yu 175

Grechova N N 399

Graf E 400

Greer J A 397

Gressi G M 282, 399

Grekov A P 41

Grescu R 397

Grimme E 144

Groff J T de 76

Grukov Ya A 74

Grum F 42

Guerra G 319

Guion T H 40

Gul'bina T I 144

Guthrie J 239

Gysin H P 74, 399

## H

Halle W A 40

Haller S 142, 400

Hanna H K 39

Hanna L H 73

Hansen W 239

Harrigan F J 41

Hawks R L 44

Hayes R L 41

Hazel B G (SP) 62

Hebeish A 39, 73, 176

Heidean K 318

Hefti H (C) 52, (C) 118

Heidemann G 42, 236, 398

Heinrichs C 74, 115, 350

Held G 351

Hendrik J E 74

Hepfinger L B 319

Herlant M A 73

Herlinger H 175, 319

Hertel H (C) 286

Hickman W S (C) 86

Hida M 236

Hofstetter R 317

Holme I 74, 318

Holt L A 42

Homburg E (C) 325

Hon P K 239

Hopkins G J 175

Hopkins W J 239, 320

Horrocks A R (P) 191

Hughey C S 397

Huhn M 318

Hulikov J (C) 207

Hunter L 238

Hurley R 239

Hurter J 39

## I

Ibrahim M 144  
Il'chenko A Ya 142  
Ilyinova O R 175  
Il'ius V A 283  
Ilucheva R 40

Imade K 174

Ionikaita L Yu 115

Ishii A (C) 363

Isharani J V 75

Ishioi Y 319

Iasa Y M 397

Ivanov V I 175

Ivanyi M 40

Iwadare Y 74, 176

## J

Jackman J (Comment) 77  
Jacq P J 74  
Jain D K 398  
Jankowski Z 142  
Janssen H 398  
Jaycock M J 238  
Jha B N 281  
John J 319  
Johnston-Feller R M 42  
Jolke K 282  
Jola M 143  
Jones F W (C) 46  
Jones P (C) 17  
Jordan E F 43

## K

Kachkovski A D 397

Kalinikov Yu A 317

Kallenberger W E 320

Kaltakhchyan E G 282

Kam T T 239

Karmath Y K 75, 400

Karmel M 143, 174

Kanekar D S 142

Kanter M. Ya 284

Kantouch A 390

Kantschev E 41

Karetnikov E V 41

Karpov V V 284

Karsunsky I 399

Kastner E D 115

Katuphina E P 175

Kavtorina N A 175

Kayem G J 238

Kazilyunes A L 74, 115, 236

Kienkes D 318

Kleinen J 39

Kelley J 115

Kelsey W B 41

Kepezhinskene D P 236

Kettenacker J 42

Khalil M F 176

Kharadly E A 144

Kharikharov A A 282, 283

Kharikharov N I 399

Khartmann G P 235

Khomonenko L A 142

Khuckhochkins Z I 284

King D (C) 123

Kimikova M N 236

Kirkina L I 284

Kiselev N V 283

Kissin B I 40

Kitao T 39, (C) 257

Kittan G 143, 176, 237, 284, 351

Kiyotsukuri T 176

Klement'eva L G 316

Klemm M 350, 358  
 Klimov V A 308  
 Klochov A A 41, 316  
 Kloubert U 351  
 Klusas V P 351

Kobisa H 75  
 Koch R 175, 350  
 Kohl U 235  
 Koksharov S A 175, 316  
 Kondratenko N V 142  
 Kononenko V P 282  
 Koprowski J 76  
 Korchegin M V 40, 41, 115, 174, 236, 316  
 Kordomenos P I 319  
 Kormany G 39  
 Korobanova I A 284  
 Korzhina V I 284  
 Kotiyar G 42  
 Kotiyar N A 319  
 Kottes Andrews B A 400  
 Koukitu M (C) 60  
 Kovaleva T V 399  
 Kovacs J 397  
 Kovtun L G 40, 316  
 Kozlov V V 235

Kramisch B 240  
 Kravtseva V D 284  
 Krasnaya Zh A 316, 350  
 Krauter A 400  
 Kreidler H 143  
 Kreipe H 176  
 Krejci F 114  
 Kremnev O A 144  
 Kretschmer A 317  
 Krichevskii G E 115, 281, 316  
 Krieger J 282  
 Krusmann H 176  
 Kryuchikova T P 143

Kukhina I 144  
 Kulikova R M 316  
 Kulkarni M G (C) 131  
 Kumar R 238  
 Kumazawa H (C) 92  
 Kuparadze N V 283, 317  
 Kurokhtina T M 144  
 Kurz E 240, 236, 352  
 Kuster B 175, 319  
 Kuthan P 114  
 Kuz'min V A 316, 350

Lahoti R J 39  
 Landmann A W 239  
 Lange H 317  
 Lawyer K R 43

Leach J H (Comment) 321  
 Lead J A 42  
 Leeder J D (Corr) 64  
 Legchina L M 144  
 Lehmann H 74  
 Lehmann U 281  
 Lemaire J 30  
 Lennox-Kerr P 237, 238  
 Lewis D M 116, (C) 123, 283, (C) 354

Libonais Yu Yu 236, 283  
 Lifentsov O M 282, 283  
 Litherland A (C) 201  
 Livengood C D 44, 398

Lo K W 239  
 Lobova L V 284, 350  
 Loller R M 43  
 Longo M L 142  
 Lopez Arbelos I 397  
 Love E 283

Luck W 320  
 Lüdi C 400  
 Lukyanets E A 114  
 Luryaika K V 317  
 Lushnikova L G 282

Lysun N V 115

M

McLaren K 400  
 McNeill J L 73, 350  
 McNierney F 114

Machens R 73  
 Maclean A (Comment) 285  
 Mader J W 74  
 Megalakidze T S 398  
 Mahal K 238  
 Makarova G I 74  
 Makarova T N 284  
 Makarovskaya N I 282, 398  
 Makashov Yu A 281  
 Makinson R K 400  
 Molinina N D 175  
 Melnik E S 175  
 Malkov Yu A 175  
 Mamereva V E 294  
 Mandal A K 39  
 Manegold E 351  
 Mangalderi G J Jr 400  
 Manley T R 240  
 Margolin A L 115  
 Markaryan A N 282  
 Markov V I 74  
 Meshkhar R A (C) 131  
 Matsui M 235  
 Matsukawa K 39  
 Matsuoka M (C) 257  
 Matten U 400  
 Matthus H 40  
 Mavisechiva N N 294  
 Mavumova R 238  
 Mavely J 142  
 Mayfield R J (C) 6  
 Mazenauer M 316

Meteis B 400  
 Mecheels J 175  
 Mehta R D 116  
 Melini N I 282  
 Mel'nikov B N 175, 235, 236, 237, 282, 283, 316, 317  
 Melnyikov V Kh 235  
 Meyer U 237  
 Meyer W 318  
 Meyrahn J 74, 116

Midawa A 351  
 Mierowsky G 399  
 Mijus W J 240  
 Mikhitenko E K 397  
 Milkova A 40, 283  
 Miranda T J 239  
 Miroslaw M (Corr) 270  
 Misura A S 174  
 Mitchell T W 39  
 Mittineni E K 73  
 Mitzuchi M 175  
 Mizoguchi K 114

Mock G N 44, 398  
 Modig N 75  
 Mohamed S S 75, 143  
 Molokov V L 283  
 Monakhova R I 284  
 Montalvo J V Jr 400  
 Monti D 397  
 Moore R A F 74  
 Monarty P L 39  
 Moroz L D 399  
 Moryganov A P 175, 235, 316  
 Moser M 318  
 Mosimann W 143  
 Movshovich I M 283

Murata Y 176

N

Nael R 281  
 Nakamura R 235  
 Nakaoaka M 174  
 Nava A 282  
 Navarro A (C) 291  
 Navarro J A (C) 291  
 Navratil J 143

Needles H L 40, 75, 144  
 Neidick K 318  
 Nezakomova M 41  
 Ney P 116  
 Nezgoda V Yu 283  
 Nezakomova M P 115

Nickel F 318  
 Niemann I 43, 176  
 Nikiforov I I 399  
 Nikitina Yu A 115  
 Nikitov V A 294  
 Niko W D 142  
 Nikolaeva T I 175  
 Nikonorov G V 176  
 Nishida K (C) 60  
 Niwa T 115  
 Nizhnik V A 399

Novichkova L M 399

O

Obayashi H (C) 257  
 Odvarka J (C) 207  
 Oehme F 317  
 Oinone T 176  
 Okoniewski M 76

Olterzhevskaya N D 115, 281

Ossmer D 42

Otit S R 39

Owen E D 281

P

Pacheva N A 284  
 Pagès P (C) 333  
 Pailthorpe M T (C) 354  
 Palin M J 154, (C) 261  
 Pander E von 317  
 Panzer N A 74  
 Papalashvili N R 398  
 Papuga R J 398  
 Parham R 282  
 Park J (P) 146  
 Parkhurst C 42  
 Parrini V 142, 397  
 Parsons B J 142  
 Pasenok S V 142  
 Pashkevichus V V 236  
 Patel S R 318  
 Paul S 43  
 Pautauskas A P 115

Pearce E M 320  
 Peissard S W E 43  
 Pensa I E 41  
 Pepino R 142  
 Perenich T A 75, 76, 46  
 Pervolotskaya V K 175  
 Perkins W S 116  
 Petersohn G 236  
 Petrov S V 115

Phillips D A S 282  
 Phillips G O 142

Pichkadi Sh V 283, 317, 398  
 Piedmont Section Research Committee 73  
 Pitea D 282  
 Pittman C U 43  
 Piven' V T 316

Plessance H D 236

Polikarpov I S  
 Polishchuk V M 400  
 Pollock J M (Comment) 145  
 Pond E (Comment) 1  
 Postnikov L M 74  
 Poznyuk N I 282

Prager M J 238  
 Prentiss W C 239  
 Proskina N N 74  
 Provost J R (C) 358  
 Prusova S M 317

Puente P 40  
 Pugachevskii G F 42

Pytlarz J (Corr) 270

R

Rabinowitz B 73  
 Reisin H 282  
 Rakowski W 42  
 Ramachandran K S 43  
 Ramaszeder K 307  
 Rasche 236  
 Raschle P 240, 400  
 Raskina I Kh 284  
 Rattee I D (C) 335  
 Rauchenauer R 174  
 Razymas V M 115

Reddie R N 240  
 Reich F 74  
 Reinhardt R M 237, 400  
 Repina E V 175  
 Reutskii V A 115, 237  
 Revzina G B 281

Ribe J (C) 374  
 Richardson G A (P) 248  
 Richardson M L (P) 198  
 Riedel D 75  
 Rieker J 284, 317  
 Ries E 235  
 Rigby B J 39  
 Rihs G 39, 397  
 Rippon J A (Corr) 64, 237

Robertson J R 75, 318  
 Robinson M S 39  
 Robinson T 361  
 Rohrer E 75  
 Romanov N N 73, 397  
 Romanova M G 143, 281  
 Ros J (C) 333  
 Rösch E 284  
 Roth K 399  
 Rothery F R (C) 11  
 Rouette H K 116, 143, 176, 237, 284, 318, 351

Ruetsch S B 400  
 Rumyantseva N I 144  
 Ruppert G 174  
 Russell A E 76  
 Russell J M 76  
 Rusznak I 40, 115

Rybalko V V 281, 283  
 Ryzhakov A V 237

S

Saafan A 176  
 Sabia A T 114  
 Sada E (C) 92  
 Sadova S F 41, 316  
 Safonov V V 144, 317  
 Safronova L I 115  
 Saksena S C 43  
 Saltzman M 238  
 Samant S D 142  
 Samoilova L A 282  
 Sankin N N 144  
 Samrany S 115  
 Savtsova F N 284  
 Sazhin B S 237

Schefer W 144, 317  
 Schellenberger G 399  
 Schleppi F 73, 350  
 Schütter H 174  
 Schmid H R 319, 352  
 Schmid W (C) 52, (C) 118  
 Schmidt B 42  
 Schmidt E 43

Schollmeyer E 42, 174, 235, 236, 398  
 Schulerer M 144  
 Schwartz S 116  
 Scott J L 318  
 Scott M R 350  
 Scurr G 240  
 Seastrunk C 176  
 Sebti W 40  
 Seflo S B 41, 116  
 Sernak B D 42  
 Semenov V A 350  
 Semenova A I 40  
 Seni K 282  
 Senakarov A V 175  
 Sengupta A K 282  
 Senner P 176  
 Seta J 174  
 Sesunse J 39  
 Shah C D 398  
 Shakra S 39, 73, 144  
 Shaimova G V 282  
 Sharif A M 144  
 Shchedrova I V 115  
 Shchegolev A A 237  
 Shefer W 76  
 Shelepin I V 114  
 Shendyapina T D 284  
 Shiko I I 42  
 Shilich M 238  
 Shishkina M V 316  
 Shoenzji H (C) 98  
 Shoshina G N 284  
 Shoshina S M 283  
 Shostenko B M 284  
 Shitarkman L A 144  
 Shurigin D A 114  
 Shustova R V 284  
 Shvedova L A 316, 350  
 Siddiqui S A 40, 144  
 Siegrist G 73  
 Simon E 316  
 Simoneaux J M 319  
 Sinyakova N A 263  
 Skripnik V N 351  
 Smeltz K C 44, 352  
 Smirnov S V 351  
 Smirnov V V 114  
 Smirnova A N 284  
 Smirnova O K 235, 317  
 Smith A J 400  
 Smith A K P (Comment) 177  
 Smith C P 74  
 Smolenskii I N 74  
 Smrz R 144  
 Smuts S 238  
 Sobey T 1/5  
 Sohn H-J 235  
 Soldatkina N A 144

Somm F 114, 282  
 Soshina S M 317, 398  
 Souza B de (C) 52, (C) 118  
 Sparrow N A 76  
 Stache H 316  
 Stapleton I W 399  
 Steffers J 351, 400  
 Stein H 238  
 Stepanenko O V 281  
 Stephens L J 320  
 Stevens V L 43  
 Stolarski R 142  
 Stotz G 41  
 Stratmann M 42  
 Straube J 351  
 Studzinski O P 281  
 Stuhlmiller M 74

Subbotin Yu P 41  
 Subramanian A 143  
 Suzuki H 235  
 Suzuki S 281

Svenson R (P) 322  
 Svyazeva N A 350

Swarney M P 76  
 Szalay L 115

**T**  
 Tai A 75  
 Takagi K 39, (C) 257  
 Tanabe K 240  
 Tarakanov M K 282, 283  
 Terakcioglu I 144  
 Tarapata V D 282  
 Tarasenko V T 40  
 Tatikarov A S 316, 350  
 Teasdale D C (C) 261  
 Teige W 398  
 Telugin F Yu 175  
 Tennent N H 142  
 Terteryan R A 175  
 Tester D H 400  
 Tetreault H A 239  
 Tetzeloff N 318  
 Thapliyal R P 159

Tiefenbacher H 143  
 Tincher W C 75, 283, 318  
 Tischbein C 318  
 Titheridge D E 40  
 Tokareva N A 115  
 Tolmachev A I 397  
 Tommasino G 176  
 Tomilova L G 114

Torre M 142  
 Trauter H 74, 116  
 Tröster H 397  
 Tsirkina A L 283

Turner G R 39, 397, 398, 399  
 Tur'yan T N 75

Tyshak T M 115  
 Tyurin Yu F 237

Tzikes A 307

**U**  
 Ulukhanov V G 294

Ulicny J C 238  
 Ulrich M M 143

Urbank A 283

Usmanov A U 236  
 Usmanov Kh U 176

**V**  
 Vaidakavichyus A I 115  
 Vail S L 319  
 Valk G 39  
 Valdeperas J 40, (C) 291  
 Varghese J 116  
 Vasishta A K 43  
 Vida A 326  
 Venkata Rao J (C) 126, 397, 398  
 Vesselov V V 237  
 Vidrevich L L 284  
 Vinogradov G I 237

Vogelsang J 76  
 Vol'f F 235  
 Volotovskii K K 283

**W**  
 Wagner H 43  
 Wagner R D 73, 350  
 Wakasugi K (C) 257  
 Wakida T 175  
 Walker P 239  
 Walker R P 116  
 Waltscheva E 40  
 Ward C D (SP) 297  
 Warmes M 41

Zablyodovskii V I 144  
 Zaharova T D 236  
 Zahn H (C) 13, 76, 116, 237, 284  
 Zaslavskii I T 236  
 Zavadskii I E 237

Zhardin A P 144  
 Zhestobryukov V F 144  
 Zhukov N F 144  
 Zhukova N A 281

Zimmer J 284  
 Zimmermann H 174

Zobel F G R 320

Weaver J W 44  
 Weber H 41  
 Weber R 318  
 Weber R U 75  
 Weigmann H-D 74, 75, 400  
 Wiersch K van 254

Whitaker A (C) 121, (C) 157  
 White M A (C) 11, 237

Wieghaus C 143  
 Wigner 236  
 Wilkorek S 319  
 Wilczak W C 281  
 Williams D J 398  
 Wingen J 115

Wisher H 399  
 Wolff N 39

Worley W 238

**X**  
 Xia Y (C) 56  
 Xiang Z 319

**Y**  
 Yagupol'skii L M 142  
 Yakovenko A G 41  
 Yamada K (C) 98  
 Yaroshenko V V 41

Young R E 74  
 Young T C 201

Yung A (Comment) 45  
 Yushkite I K 236

**Z**  
 Zablyodovskii V I 144  
 Zaharova T D 236  
 Zahn H (C) 13, 76, 116, 237, 284  
 Zaslavskii I T 236  
 Zavadskii I E 237

# Index to Subjects

Vol 99 - 1983

Symbols in parentheses refer to papers published in the *Journal* (see list on page 61).

## A

**Abrasion** of mercerised durable-press cotton/polyester fabrics, effect of laundering on 143

**Absorbancy** of polyester fabrics for continuous dyeing process, examination of the 176

**Absorption** bands of thiazolopyrimidinium polymethine dyes, nature of 397

of dyes 263

- from exhausted dyeliquors, use of activated carbon in the 41

- by polyester blends, effect of scouring on the 398

and electrical properties of polyamide textile materials, the effect of water-repellent finishing on the 144

**Acetate** fabrics, printed with disperse dyes 115

- thermofixation of 236

fibre, adsorption thermodynamics and diffusion of disperse anthraquinone dyes in 142

**Acid dyes**, aggregation behaviour of (C) 126

behaviour of nylon graft copolymers towards 176

concentration dependence of the diffusion coefficient of, in nylon (C) 92

for dying wool, effect of polyoxyethylene nonionic surfactants 358

on extended wool fibres 282

influence of auxiliaries in the dyeing of nylon with 235

for printing 284

**Acrylic** (see also Basic Dyes, Coating, Dyeing, Finishing, Printing, Retarders) /cotton blends, one-bath dyeing of 282

fabrics, determination of the finish on flame-retarded, by an infra-red spectroscopic reflection technique (C) 333

fibre, lauril 16, the affinity of basic dyes for (C) 289

fibres, with electrical conductivity 76

- thermally-modified 76

finishes on fabrics, estimation of 144

and modacrylic fibres in blends, determining 238

resins, u.v. curing of 240

tow, producer-dyed 40

/wool blends, one-bath dyeing of 282

**Additions**, the effects of, of water-soluble polymers in crease-resist finishing of cellulosic fabrics 176

**Adhesion**, physico-chemical interpretation of paint film (P)

**Adjacent** fabrics, instrumental assessment of the staining of 101

**Adsorption** of dyes, on activated sludge 17,174

- on wool fabrics, photoacoustic spectroscopy for the study of (C) 123

thermodynamics and diffusion of disperse anthraquinone dyes in acetate fibre 142

aggregation behaviour of acid dyes (C) 126

of halofluorescein dyes 397

Air pollution statement 44

**Alkyd**, drying water-reducible 239

**Alkylenes**, oxyethylated, influence of, in the dyeing of wool (C) 291

**Aluminium**, reactivity of, with solvents and additives in coatings 43

**4-Aminoazobenzene sulphonlic acid dyes**, quantitative relationships between chemical structure and technical properties of 397

**Ammonia**, liquid, the effect of, on the state of reactive dyes in cellulose 317

- equipment for treating fabrics with 237

**Analysis** of dyes in textile effluents 75, 318

**Anionic** and non-ionic surfactants, solubilisation of disperse dyes in mixtures of 316

**Ansa-triazacarboxyanines** in the 1n1 (1,3)-benzimidazolophen series 281

**Anthraquinone dyes**, disperse, photo fading of 142

polyfluorocetyl substituted 142

**Anticorrosion** additives 239

**Antifetting**, one-bath, finishing and dyeing of wool knitted goods 74

**Antimicrobial** finishes, testing of 400

1-Aryl-5-methyl-3-hydroxyphthalazoles, azoic dyes derived from 387

**Assessment**, instrumental, of the staining of adjacent fabrics 101

**Atomic absorption** analysis of tannery materials, problems encountered in 320

and molecular structure (EP) 303, (EP) 382

**Autoclave** setting, yellowing of wool yarn during 351

**Automation** and control of package dyeing, the use of colour physics in the (P) 253

in the dyehouse, meaningful 75

**Automotive** upholstery, nylon, selecting dyes for optimising light fastness of 114

**Auxiliaries** in the dyeing of nylon with acid dyes, influences of 235

dyes, pigments, machinery and instruments, review of new 387

- for the textile industry 39

for foam finishing 281

on the oligomer content of polyester fibre, effect of 238

**Azo dyes**, azo-hydrazone tautomerism in 39

disperse, isomeric, synthesis of 142

**Azoic dyes** derived from 1-aryl-5-methyl-3-hydroxyphthalazoles 397

## B

**Basic dyes** (see also Cationic dyes)

the affinity of, for lauril 16 acrylic fibre (C) 289

reversed phase t.i.c. of 76

**Bentonite** and special disperse dyes, printing polyester/cotton blends with 40

**Benziteites**, weighing natural silk with 236

**Benzidine** type pigments 39

**Benzothiazole** and thiazole derivatives, synthesis and fluorescence of 142

**Benzoylation** of wool and its effect on dye affinity and shrink resistance (C) 354

**Biodegradation** of textile fibres as seen under *Microbiology* 238

**Biological** evaluation of pyrethroids as potential mothproofing agents (C) 52

**Bis-(1,2-dimethyl-3-indolizinyl) heteroimethylene dyes**, synthesis, 7H-NMR and electronic absorption spectra and halochromic properties of 281

**Bismonochlorotriazine dyes** containing double chromophore systems, physico-chemical properties of 281

**Bleaches**, peroxycarbonate anions as low-temperature (C) 17

**Bleaching** 40, 74

alkaline, of cellulosic fibres with hydrogen peroxide 116

and dyeing of tip-to-root differences in wool fibres, the effect of 39

fabrics in rope form using turbulent flow 294

knitted goods, use of hydrogen peroxide for 40

linear roving, development of an intensive process for 284

liquors, thermometric on-line measurement and control of peroxide 143

oxidase, evaluation of stabilisers for (C) 86

- the role of oxygen in, process for cotton fabrics 317

selective, of pigmented fibres in white raw wool 116

silicate-free, of cotton 284

of wool 237

- with hydrogen peroxide and a silicate stabiliser (C) 261

- sequential (C) 154

**Bonding** of non-wovens 319

**o-Bromoacrylamide dyes**, the influence of ionic surface-active agents on the dyeing of Hercosett wool with (C) 374

**Burning** behaviour cellulosic fibres, an introduction to (P) 191

## C

**Carbon**, activated, use of, in the absorption of dyes from exhausted dye liquors 41

**Carboxylic acids** 76

**Carboxylation** of wool fabrics 116

- migration of sulphuric acid during 143

**Carbowax**, foam, of wool fabrics 318

**Carpet** (see also Cleaning, Coating, Drying, Finishing, Fixation, Flame-resistant, Floorcoverings, Printing, Soiling)

dyeing, in rope form 175

- range, energy measurements on a continuous 283

fibres 238

**Carpet** - continued

the operation of steamers in continuous dyeing of 74

polyester, high temperature dyeing of 174

seminar, Sandoz 398

yarn dyeing, control in 175

yarns, space dyed 143

**Carpets**, continuous foam dyeing of 282

and non-wovens, Fleissner foam system for 318

shampoo fastness of 176

transfer printing of 40

**Carrier**, dyeing, and finishing of woven fabrics containing polyester fibres dyeable without carrier 39

- rate of diffusion in, of synthetic-polymer fibres (C) 131

**Carriers**, improved dyeability of polyester by pre-treatment with 39

**Catalysts**, highly reactive, for crease-resist finishing 144

**Cationic dyes** on chlorinated polypropylene 396

photoinduced dark reactions of some 281

**Cellulose** (see also Bleaching, Crease-resistant, Colouring, Durable-press, Dyeing, Fireproofing, Printing, Sizing)

acetate, colours of dope and yarn of spun-dyed 282

bond - reactive dye, thermal rupture of the 114

crosslinking, certain aspects of 116

- direct dye interaction, effect of gamma radiation on 114

the effect of liquid ammonia on the state of reactive dyes in 317

study of the kinetics of dyeing, with reactive dyes in water - alcohol solutions 283

**Cellulosic** (see also Abrasion, Bleaching, Cleaning, Dyeing, Durable-press, Finishing, Flame-proofing, Flame-retardant, Permanent-press, Soil release, Stain resistance, Strength, Swelling, Water-proofing)

fabric, resist and discharge printing of 283

fabrics, addition of water-soluble polymers in crease-resist finishing of 176

- coupling agents in the pretreatment of 142

- lining, liquor pick-up in the continuous dyeing of 174

- printed with reactive dyes, improving the washing off 175

fibres, alkaline bleaching of, with hydrogen peroxide 116

- analysis of sizes on fabrics containing 42

- dyeing of, with fluorochloropyrimidine and trichloropyrimidine dyes 143

- effluents in the dyeing of 176

- an introduction to the burning behaviour of (P) 191

- reactant-fixable dyes for dyeing 351

- resin and discharge printing of 236, 351

groups, production of coloured resists on, by vat discharge and reactive resist techniques 282

knitted fabrics, developments in batchwise dyeing of, with reactive dyes 282

materials, stability of, to water and aqueous acid solutions 75

substrate, the effect of thickeners on the diffusion of reactive dyes in 115

substrates, application of disperse dyes to 114

textile materials, composition for printing 115

**Changes**, the structural, in cotton on treatment of fabrics with liquid ammonia 176

**Chemical approach** to the retardancy 144

and physical properties of foams 73

and properties of 4-aminoazobenzene-sulphonlic acid dyes, quantitative relationships between 397

**Chemicals**, metering oil, in continuous pretreatment processes 316

**Chemistry** of remazol dyes 281

of tin - phosphate - silicate weighting of silk, Mossbauer spectrophotographic contribution to the 238

of washing processes and surfactants 316

**Chlorinated water** (swimming bath water), colour fastness to (SP) 297

**Chlorine** - Hercosett process, a protein chemical investigation of (C) 13

shrink-resist process, a TEM study of the causes of failure in the 400

**Chromatographic**, thin layer, behaviour of some novel analogues of phthalimide dyes (C) 159

**Chromatography** of basic dyes, reversed phase thin layer 76

headspace gas, studies of formaldehyde release from durable-press fabrics 75

**CIE** standard source C, redetermination of 319

**CIELAB** system 1, differences in faded colour photographic images using 176

**Chrome** recovery from tannery wastes 320

utilisation, in chrome tanning 239

- high-exhaustion tannage for efficient 320

**Coating** (see also Paper)  
 and finishing foam 318  
 of textile fabrics 400  
**Coatings** (see also Corrosion, Curing, Electrocoating, Weathering)  
 air drying, drier compositions for 43  
 magnetic, effect of the pigment - vehicle interaction on the properties of 319  
 micaceous iron oxide in protective 319  
 oxazolidone 319  
 reactivity of aluminium with solvents and additives in 43  
 wood as a substrate for 320  
**Colbitoximines**, accelerators of vat dye reduction 74  
**Collagen**, potential uses of tanned 43  
**Coloration** industries, the Dyers' Company and the Society 241  
 mass, of polyester 398  
 surface, of glassy polymers by solvent diffusion 319  
**Colorimetry**, textile 42  
**Colour** and the constitution of 1,4-naphthoquinonoid dyes (C) 257  
 control, computer, in textile printing 76  
 and design matter (Comment) 1  
 fastness to chlorinated water (swimming bath water) (SP) 297  
 - to shampooing of textile floor coverings (SP) 266  
 - lesser 238  
 and human response 352  
 measurement in textile printing, possibilities of 175  
 physics in the automation and control of package dyeing, the use of (P) 253  
 reveals, what 352  
 scoured, of raw wool and its suint content, the relation between the 42  
 technology, the importance of engineering in (Comment) 353  
 variations in dyed yarns 114  
*infex* 42  
**Colourist and chemists**, the roles of (C) 325  
**Colours** of dops and yarn of spun-dyed cellulose acetate 282  
 photofading of the effect of fluorescent substances on 98  
**Combustibility** of water-borne paints and printing inks 236  
**Complexing agents** in the pretreatment of cellulosic fabrics 142  
**Computer** colour control in textile printing 76  
 search of IRDC spectral file 240  
**Constitution** and colour of 1,4-naphthoquinonoid dyes (C) 257  
 Consumer properties, improving the, of woollen fabrics treated with polyurethane 41  
**Control** and automation of package dyeing, the use of colour in the (P) 253  
 in carpet yarn dyeing 175  
 in the dyehouse, automated 41  
 of dyeing machines, flexible system for fully automatic 176  
 and measurement, of dye exhaustion in batchwise dyeing 142  
 - of peroxide bleaching liquors, thermometric on-line 143  
 process, in drying and setting 399  
**Copper phthalocyanine**, synthesis of 281  
**Coatings** in textile printing 175  
**Cotton** (see also Abrasion, Bleaching, Crosslinking, Durable-press, Dyeing, Finishing, Flame-retardant, Mercerising, Printing, Scouring, Water-repellent)  
 acid catalysed reactive dye on 143, 174  
 and its blends, dyeing of, with vat dyes using thermofixation processes 281  
 drill, durable press finishing of, using transfer - pad - cure technique 116  
 dyeing of, alkali swollen and alkali swollen solvent exchanged, with a reactive dye 143  
 - water swollen, solvent exchanged, with anionic dyes from dimethylformamide - trichloroethylene solvent mixtures 397  
 fabric, application of swelling treatment in increasing the yield of dyeings on 40  
 - finishing with foam, extending the lower limit of wet pick up in 74  
 fabrics, open width preparation of woven 175  
 - a polarographic method for determining photodegradation of 42  
 - the role of oxygen in peroxide bleaching processes for 317  
 /Lavsan (polyester) fabrics, dyeing with reactive dispersions 281  
 /polyester fabrics, effect of laundering on abrasion of mercerised durable-press 143  
 - (67/33) the effects of N-methylolated resin finishes on the flammability of 318  
 reduction of free formaldehyde associated with DMDHEU easy care finishing of 41  
 silicate free bleaching of 284  
 solubility parameters for dyeing water swollen, solvent exchanged, with anionic dyes from mixed solvents 398  
 stabilising stilbene fluorescent brightening agents on 281  
 structural changes in, on treatment of fabrics with liquid ammonia 176  
 undyed, identification of surfactants on 175  
 wash fastness of dyings on effect of detergents containing fluorescent whiteners on 319  
**Coupling components**, liquids brands of azoic, and azoic diazo compounds (C) 286  
 - vapour pressures and heats of sublimation 60  
**Croase** marks during dyeing, formation of 350  
**Croase-resist** finish of cellulosic fabrics, the effects of additions of water-soluble polymers in 176

**Croase-resist** - continued  
 finished fabrics, estimation of free formaldehyde in 144  
 finishing, of fabrics 144  
 - highly reactive catalysts for 144  
 - anionic pigment printing, combined thermal treatment for 283  
 - and vat dyes, a two-stage combined process for dyeing with 115  
 water-repellent and flame-retardant processes, influence of minimum application procedures on migration and finishing in 144  
**Creases** in wool garments by atmospheric-pressure steaming, the setting of polymer-stabilised 237  
**Crosslinking**, certain aspects of cellulose 116  
**Crystal** data for pigment yellow (C) 121, (C) 157  
 and molecular structure of Ciba Yellow 3G 397  
**Crystallisation** of disperse dye in polystyrene 176  
**Curing** of acrylic resins, ultra-violet 240  
 of polyester/melamine resins, latent acid-catalysed 240  
**Cyanine dyes** from polynitro- and poly(trifluoromethylsulphonyl)-benzenes 142

## D

**Denims**, indigo 397  
**Density** distribution of the applied pile in flock printing, investigation of 284  
**Design and marketing** (Comment) 177  
 matters and colour (Comment) 1  
**Detergents** containing fluorescent whiteners, wash fastness of dyeings on cotton, effect of 319  
**Dialysis**, continuous-flow dynamic 76  
**Diaryloxamides** for inhibiting photodestruction of fibres and fading of dyes 74  
**Diester** groups, the use of disperse dyes containing, to produce discharge effects on fully-dyed lightweight polyester fabrics (C) 356  
**Diffusion** and adsorption thermodynamics of disperse anthraquinone dyes in acetate fibre 142  
 coefficient of acid dyes in nylon, the concentration dependence of the (C) 92  
 dye in nylon 6 174  
 of reactive dyes in cellulose substrate, the effect of thickeners on 115  
 role of, in carrier dyeing of synthetic polymer fibres (C) 131  
 solvent, surface coloration of glassy polymers by 319  
**Diffuorochloropyrimidyl dye**, formation of cross-links in silk by dyeing with a (C) 56  
**9,10-Dihydro-7H-imidazo[1,2-b]benzimid, 8-isoquinolin-7-one** derivatives, synthesis and properties of some 142  
**Direct dye**/cellulose interaction, effect of gamma radiation on 144  
**Direct dyes**, acceleration dyeing of nylon 6 with 350  
 behaviour of nylon graft copolymers towards 176  
 and surfactants, interactions between 176  
**Discharge effects** on fully-dyed lightweight polyester fabrics, the use of disperse dyes containing diester groups to produce (C) 356  
 and resist printing of cellulose fabric 263  
**Disperse dyeing** of polyester, effects of solubility parameters on 283  
**Disperse dye print pastes**, use of EMA copolymers in 175 in polystyrene, crystallisation 176  
**Disperse dyes** (see also Sublimation)  
 Anthraquinone, in acetate fibre adsorption thermodynamics and diffusion of 142  
 application of to cellulose substrates 114  
 behaviour of nylon graft copolymers towards 176  
 derived by the condensation of homophthalimides and 2-pyridones with naphthostyryl and satin 39  
 factors affecting dye transfers in conventional printing with (C) 363  
 high temperature dyeing of polyester with, in aqueous dyebaths 143  
 the influence of the kinetics of dissolution of, on the kinetics of polyester fibre dyeing (C) 207  
 kinetics and thermodynamics of the continuous dyeing of polyester fibres with 40  
 light fastness of dyings of, on carrier-free poly(ethylene terephthalate) 319  
 a method of measuring the foam propensity of 73 in nylon, microspectrophotometric study of ozone fading of 400  
 in polyester coloration, the structure and properties of (P) 183  
 a process for improving the whiteness of the backgrounds of cellulose acetate and nylon fabrics printed with 115  
 state and absorbing power of, the effect of organic solvents 317  
 solubilisation of, in mixtures of anionic and non-ionic surfactants 316  
 special, printing polyester/cotton blends with bentonite 40  
 on the surface polarity and the dispersibility of 235 for textile printing and continuous dyeing 73  
 the use of, containing diester groups to produce discharge effects on fully-dyed lightweight polyester fabrics (C) 356  
**Dispersibility** of disperse dyes, on the surface polarity and the 235  
**Dispersion** 76  
**Dispersions**, pigment surface energies and pigment 238  
**Dissolution** of disperse dyes, the influence of the kinetics of, on the kinetics of polyester fibre dyeing (C) 207  
**Dope** and yarn, spun-dyed cellulose acetate, colours of 112  
**Dry and wet finishing**, yellowing of wool during 284  
**Dry-cleaned and laundered polyester/cotton hospital uniforms**, whiteness retention and wear of 75  
**Drying** coatings, drier compositions for air 43  
 high-frequency, and its application in textile dyeing and finishing 399  
 padding and thermal process, algorithm for solving problems in 398  
 and setting, process control in 399  
 to textiles by the Remifilm process 236  
**Water-reducible alkyls** 238  
**Durable-press** cotton/polyester fabrics, effect of laundering on abrasion of mercerised 143  
 fabrics, headspace gas chromatography studies of formaldehyde release from 75  
 finishes, effects of storage and laundering on 74  
 finishing, of cotton drill using transfer - pad - cure technique 116  
 - energy conservation techniques in 41  
**Dye** affinity and shrink resistance, the benzoylation of wool and its effect on (C) 354  
 agglomeration in the package dyehouse of polyester 236  
 auxiliary, induced colour changes in fibres 75  
 concentration, estimation of the error in the photo-colorimetric measurement of 400  
 exhaustion in batchwise dyeing, measurement and control of 142  
 fixation, comparison of the effectiveness of high temperature shock processes for 316  
 - rapid 175  
 gives styling potential 39  
 industry, the influence of demand on the emergence of (C) 325  
 - Japanese 114  
 - Mexican 316  
 in nylon 6, diffusion of 174  
 preparation station, the central 41  
 solutions, preparation of, and storage of 114  
 substrate, induced colour changes in fibres 75  
 transfer, factors affecting, in conventional printing with disperse dyes (C) 363  
**Dyeability** of Nomex aramid yarn 74  
 polyester, improved by pretreatment with carriers 39  
 - modified by solvent pretreatment 73  
**Dyebaths**, aqueous, high temperature dyeing of polyester with disperse dyes in 143  
 the measurements of rates of dyeing from finite 75  
**Dyed** yarns, on the objective control of colour variations of 114  
**Dyehouse**, automated control in the 41  
 meaningful automation in the 75  
 updating the (P) 322  
**Dyeing** (see also Effluents, Fixing agents, Solvent, Thermofixation, Water)  
 of alkali swollen and alkali swollen solvent exchanged cotton with a reactive dye 143  
 batchwise, of cellulose, knitted fabrics with reactive dyes, developments in 282  
 - measurement and control of dye exhaustion in 142  
 behaviour of, polyester fibres 175  
 - rope fabrics 114  
 and bleaching of tip-to-root differences in wool fibres, the effect of 39  
 of carpet, continuous, the operation of steamers in 74  
 - in rope form 175  
 - yarn, control in 175  
 of carpet, continuous foam 282  
 cellulose with reactive dyes in water/alcohol solutions, study of the kinetics 283  
 of cellulose fibres, effluents in the 75, 176  
 - with fluorochloropyrimidine and trichloropyrimidine dyes 143  
 - reactant-fixable dyes for 351  
 continuous, of cellulose lining fabrics, liquor pick-up in 174  
 - and textile printing, disperse dyes for 73  
 - of viscose lining and silk fabrics 235  
 correction factors in the mathematical model of 308  
 cotton/lavsan (polyester) fabrics with reactive disperse dyes 281  
 of cotton with vat dyes using thermofixation processes 281  
 with a difluorochloropyrimidyl dye, formation of cross-links in silk by (C) 56  
 direct photometry in 319  
 equipment, today's 399  
 and extraction unit, one-step 237  
 and finishing, high-frequency drying and its applications in textile 399  
 - processes, wool damage caused during 76  
 - of textured polyester/cotton blends 40  
 - of wool knitted goods, one-bath anti-fetting 74  
 - of woven fabrics containing polyester fibre dyeable without carrier 39  
 from definite dyebaths, the measurement of rates of 75  
 factors affecting the performance of insectproofing agents applied to wool during (C) 6  
 formation of crease marks during 350  
 at high temperature, protection of wool during, by modification with DMDHEU derivatives 115  
**indigo** 397  
 the influence of the kinetics of dissolution of disperse dyes on the kinetics of polyester fibre (C) 207  
 knitted fabrics, indanthren dyes in 174  
 of loose stock 142  
 of modified polypropylene 398  
 machine, controllers and microprocessors 144  
 - fabric scouring unit linked directly to ultra-rapid 175  
 - piece 237

**Dyeing** – continued  
machines, flexible systems for fully automatic control of 176  
of nylon 175  
– with acid dyes, influence of auxiliaries in the 235  
of nylon 6 with direct dyes, accelerated 350  
one-bath, of acrylic/wool and acrylic/cotton blends 282  
polyamide dope 316  
of polyester/cellulosic, blends, high temperature 73  
– one-bath single-stage continuous 282  
fabrics 282  
polyester, carpets, high temperature 174  
– dye agglomeration in the package 235  
high temperatures, with disperse dyes in aqueous dyebaths 143  
– and polyester/cotton fabrics 73, 350  
fabric, rapid, dyes for 174  
– textured, a continuous process for dyeing 174  
fibres, with disperse dyes, kinetics and thermodynamics of the continuous 40  
– effects of solvent treatment on 398  
non-cARRIER concept of the 350  
rapid, 115  
and printing, bubble 142  
continuous 142  
and finishing machinery 318  
methods of systems analysis in modelling the process of 236  
process, continuous, study of the kinetics of fixation of reactive dyes on wool in 175  
intensification of 235  
solution of equations of a mathematical model of 398  
– a two-stage combined with vat dyes and crease resist finishing 115  
processes, examination of the absorbency of polyester fabrics for continuous 176  
kinetics of 40  
properties of polyvinyl alcohol fibres 74  
range, energy measurements on a continuous carpet 283  
rapid, theory and practice 235  
role of diffusion in carrier, of synthetic-polymer fibres (C) 131  
and scouring natural silk in hard packages, investigation of the factors influencing the quality of 235  
silk fabrics by a cold process, reactive dyes for 143  
simultaneous and texturing of polyester/viscose blended yarn 282  
with solubilised vat dyes with azeotropic steaming 282  
solubility parameters for, water swollen, solvent exchanged cotton with anionic dyes from mixed solvents 398  
solvent, studies of 40  
test method for the susceptibility to wrinkling of polyester fabrics during 115  
textile waste water, analysis for dyes in 75  
textiles, flow-through resistance in 39  
thermosol, the effect of changes in yarn tension in fabrics 115  
of triacetate blends 30  
vacuum technology in 282  
of water swollen, solvent exchanged cotton with anionic dyes from dimethylformamide/trichloroethylene solvent mixtures 397  
wool, with acid dyes, effect of polyoxyethylene non-ionic surfactants in 350  
– from aqueous formic acid, some observations on 64  
– the Dossard system 143  
– Hercosett with  $\alpha$ -bromoacrylamide dyes, the influence of ionic surface-active agents on the (C) 374  
– at reduced temperatures 282  
yarn, short liquor 73

**Dyeings** on cotton fabric, application of swelling treatment in increasing the yield of 40  
– effect of detergents containing fluorescent whiteners on the wash fastness of 319  
light fastness of, disperse dyes on carrier-free poly(ethylene terephthalate) 319  
production of fast, on polyester/cellulosic blends 143  
Dyeliqous, exhausted, use of activated carbon in the absorption of dyes from 41

**Dyers Company, the Society and the coloration industries (Comment) 241**

**Dyes**, absorption of, from exhausted dyeliqous, use of activated carbon in the 41  
– the effect of the surface of wool fibres on 283  
adsorption, by polyester blends, effect of scouring on 174  
– on wool fabrics, photoacoustic spectroscopy for the study of (C) 123  
the aquatic environment and the mess made by metabolites (P) 198  
and auxiliaries for the textile industry 39  
dialkyamides for inhibiting photodestruction of fibres and fading of 74  
improving the fixation of, after printing 283  
Japanese 114  
ketocyanine, investigation of the triplet state of 350  
the mechanism by which, protect polyamide material from light 115  
pigments, auxiliaries, machinery and instruments, review of new 387  
for rapid dyeing of polyester fabric 174  
reactant-fixable, for dyeing cellulose fibres 351  
and rinses, identification and quantitative estimation of oxidation 73  
selecting for optimising light fastness of nylon automotive upholstery 114

**Dyes** – continued  
for single-bath dyeing of polyester/cellulosic fabrics 282  
storage of, and preparation of dye solution 114  
in textile effluents, analysis of 75, 318

## E

**Ecological and energy aspects of treatment of textiles with perchloroethylene 240**  
**EEC**, textile R & D within the (Comment) 117  
**Effluents** (see also Air, Pollution, Scouring, Water)  
from dyeing cellulosic materials 75, 176  
heat recovery from 318  
textile, analysis of dyes in 318  
**Electrical and absorption properties of polyamide textile materials** 144  
**Electrochemical, spectral and synthesis properties of substituted luteum diphtalocyanine 114**  
**Electronic absorption spectra, synthesis and  $^1\text{H-NMR}$ , and halochromic properties of bis-(1,2-dimethyl-3-indolizinyl) heptylmethane dyes 281**  
**Electrolytes** with and without complexing properties, ion exchangers, and enzymes in washing processes, effect of 317  
**Energy conservation techniques in durable-press finishing** 41  
costs in textile wet processing 73  
and environment considerations of treatment of textiles with perchloroethylene 236, 240, 352  
measurements on a continuous carpet dyeing range 283  
prices in Europe (SP) 62  
saving, fixation of reactive dyes in printing woven and knitted fabrics 317  
– in sizing 74, 116  
– by solvent techniques 144  
transfer between fluorescent organic pigments 319  
**Engineering in colour technology, the importance of** (Comment) 363  
**Environment, the aquatic, and the mess made by metabolites (P) 198**  
**Environmental and energy considerations, textile finishing with perchloroethylene with regards to** 236, 352  
**Equipment for treating fabrics with liquid ammonia 237**  
**Estimation, quantitative, and identification of oxidation dyes and rinses 73**  
**Europe, energy prices in (SP) 62**  
**Exploitation, commercial, of package dyeing (P) 146**  
**Explosion** risks in using solvents and natural gas in the textile industry 43  
**Extraction unit 237**

## F

**Fabrics** (see also Dyeing, Sizing)  
containing cellulosic fibres, analysis of sizes on 42  
for flame protection 42  
a method of stabilising 41  
processing of woven elastic 74  
**Fading of dyes** 74  
ozone, of disperse dyes in nylon, microspectrophotometric study of 400  
of xenon reference fabric 400  
**Failure in the chlorine – Hercosett shrink resist process, a TEM study of the causes of 400**  
**Fastness** tester, colour 238  
**Felmnorygery wastes, treatment of 76**  
Fibre properties and weave crimp on the hygral expansion of woven wool fabrics, the effect of 238  
**Fibres, acrylic, with electrical conductivity 76**  
– thermally-modified 76  
carbon 76  
dye/substrate and dye/auxiliary-induced colour changes in 75  
**Filtration** mathematical model of, through a column of packages 283  
**Finish**, determination of the, on flame-retarded acrylic fabrics by an infra-red spectroscopic reflection technique (C) 333  
textile, ultratec 75  
**Finishers and weavers, textile production today, a joint task for 237**  
**Finishes, acrylic, on fabrics, estimation of 144**  
durable-press, effects of storage and laundering on 74  
improvement of polyester-based textiles by the use of soil-release 399  
soil-release 176  
testing of antimicrobial 400  
**Finishing** (see also Dyeing, Effluent, Pollution, Solvent and under specific processes)  
analysis of solutions in water- and soil-repellent 319  
of cellulose fabrics, the effects of additions of water-soluble polymers 176  
and coating foam 318  
of cotton, reduction of free formaldehyde associated with DMDHEU easy-care 41  
crease-resist 144  
– highly reactive catalysts for 144  
– and pigment printing, combined thermal treatment for 261  
– a two-stage combined process for dyeing with vat dyes and 115  
durable-press, of cotton drill using transfer – pad – cure technique 116  
**Finishing – continued**  
energy conservation techniques in 41  
and dyeing, and printing machinery 318  
processes, wool damage caused during 76  
textile, high-frequency drying and its application 399  
of textured polyester/cotton blends 40  
of wool knitted goods, one-bath anti-felting 74  
of woven fabrics containing polyester fibre dyeable without carrier 39  
equipment 144  
fire-resistant, the effect of vacuum treatment before 284  
foam 351  
auxiliaries for 281  
extending the lower limit of wet pick-up in cotton fabric 74  
technology 41  
of knitted fabrics, high quality 318  
– pile 75  
and migration in crease-resist, water repellent and flame-retardant process, influence of minimum application procedures on 144  
of polyester, hydrophilic 176  
– hydrophobic 294  
– (Trevira CS) flame-retardant 176  
processes, the physico-chemical basis of 236  
resin, optimisation of, particularly in regard to changes in hue 284  
recipes, electronic formulation of 399  
textile, reaction between urea and gloxal in 41  
of textiles 399  
– with perchloroethylene with regards to environmental and energy considerations 236  
unusual effects of some zwitterion compounds as catalysts in easy-care 237  
of wool fabrics 116, 143, 176, 237, 284, 351  
– shrink-resistant 318  
yellowing of wool during wet and dry 284  
**Fire-resistant** finishing, the effect of vacuum treatment before 284  
**Fixation** of dyes after printing, improving the 283  
energy-saving, of reactive dyes in printing woven and knitted fabrics 317  
rapid dye 175  
of reactive dyes on wool in a continuous dyeing process, study of the kinetics of 175  
and tension of wool, relaxation in 76  
**Flame protection, fabrics for 42**  
**Flame retardancy, a chemical approach to 144**  
**Flame-retardant, crease-resist and water repellent processes, influence of minimum application procedures on migration and finishing in 144**  
fabrics, how has legislation affected the market for 344  
polyester materials, finishing of Trevira CS 176  
**Flame-retardants** for wool, evaluation of metal complexes and tetrabromophthalic acid 399  
**Flame-retarded** acrylic fabrics, determination of the finish on, by an infra-red spectroscope reflection technique (C) 333  
**Flammability** performance, suggested requirements for the contents of public buildings (P) 78  
of 67/33 polyester fibre/cotton fabrics, the effects of *N*-methylolated resin finishes on the 318  
of textile floor coverings 352  
of upholstery fabrics 352  
**Flocculation and stability in latex paint 238**  
**Floor Coverings, colour fastness to shampooing of textile (SP) 266**  
**Flow** properties, investigations into the structure of printing thickeners on the basis of their 283  
turbulent, bleaching fabrics in rope form using 284  
**Fluorescence and synthesis of some thiadiazole and benzothiazole derivatives 142**  
**Fluorescent brightening agents on cotton, stabilising stilbene 281**  
in printing triacetate fabrics, use of 236  
**Fluorescent compounds, selective staining of shrink-resist finished wool with 237**  
substances, the effects of, on the photofading of colours 98  
whiteners, effect of detergents containing, on the wash fastness of dyes on cotton 319  
**Fluorochloropyrimidene dyes, and trichloropyrimidine, dyeing of cellulosic fibres with 143**  
**Foam application** 351  
– the vacu-foam system for 284  
carbonising of wool fabrics 318  
dyeing of carpets, continuous 282  
extending the lower limit of wet pick-up in cotton fabric finishing with 74  
finishing 351  
auxiliaries for 281  
and coating  
technology 318  
**Fleissner**, system for non-wovens and carpets 318  
propensity of disperse dyes, a method for measuring the 73  
sizing 116  
wet processing in the textile industry 399  
**Foams** chemical and physical properties of 73  
and liquids, low add-on equipment for the application of 284  
**Formaldehyde** free, in crease-resist finished fabrics, estimation of 144  
– reduction of, associated with DMDHEU easy-care finishing of cotton 41  
release, assuring sensitivity and precision in the sealed jar test for 400  
– from durable-press fabrics, headspace gas chromatography studies of 75  
– from fabrics 116  
**Formic acid, aqueous, some observations on the dyeing of wool from 64**

## G

**Gas**, natural, and solvents in the textile industry, explosion risk in using 43  
**Germ** content of washed goods, effect of washing temperature on 362  
**Glyoxal** and urea, reaction between, in textile finishing 41

## H

**Hair colours** 235  
**Halofluorescent dyes**, aggregation of 397  
**Heat recovery** from effluents 318  
**Hemicyanines**, chromophoric chain 6-substituted 281  
**Hercoset** 125 in aqueous solution, a quantitative method for in-plant determination of 400  
**Hexahydropyrimidine** and a pyrethroid, a complete and highly effective mothproofing agent comprising (CI) 118  
**Hides**, preservation of, with sulphite 239 and skins, bactericides for pretreatment in suspension drying of 320  
**High-temperature** resistant fibres and their identification 42 shock processes for dye fixation 318  
**Hong Kong**, industry and the Society in (Comment) 45  
**Hue**, optimisation of resin finishing processes particularly in regard to changes in 284  
**Hydrogen peroxide**, alkaline bleaching of cellulosic fibres with 116 and a silicate stabiliser, bleaching of wool with (CI) 351 use of, for bleaching knitted goods 40  
**Hydrosulphite**, amperometric in-line estimation of 143

## I

**Identification** and quantitative estimation of oxidation dyes and rinses 73  
**Images** using their CIELAB system 1, differences in faded colour photographic 176  
**Imprinting** synthetic textile materials, process for 351  
**Indanthren dyes** in dyeing knitted fabrics 174  
**Indigo** denim 397 dyeing 397  
**Industry** and the Society in Hong Kong (Comment) 45  
**Insectproofing** agents, factors affecting the performance of, applied to wool during dyeing (CI) 6 of wool, fibre-reactive organophosphorus esters suitable for (CI) 46  
**Instrument**, measuring, for use in textile printing 398  
**Instruments**, dyes, pigments, auxiliaries and machinery, review of 397  
**Intensifiers**, the effect of certain, on the physical properties of polyester fibres 40  
**Interaction** between direct dyes and surfactants 176 from oxide micaeous, paints 320 – in protective coatings 319  
**Isoquindoline dyes** (Corr) 270

## K

**Ketocyanine dyes**, investigation of the triple state of (CI) 250 spectral characteristics 316  
**Kinetics** of dissolution of disperse dyes on the kinetics of polyester fibre dyeing, the influence of the (CI) 207 of dyeing, cellulose with reactive dyes in water/alcohol solutions 283 – processes 40 of fixation of reactive dyes on wool in a continuous dyeing process 175 and thermodynamics of the continuous dyeing of polyester fibres with disperse dyes 40  
**Knitted** fabrics, hot mercerisation of circular 115 – Indanthren dyes in dyeing 174 pile, the finishing of 75 goods, use of hydrogen peroxide for bleaching 40  
**Kubelka**–Munk theory for the near i.r. region, practical application of 42

## L

**Latices** and polymers, fungicidal monomers 43  
**Laundered** and dry-cleaned polyester/cotton hospital uniforms, whiteness retention and wear of 75  
**Laundring**, abrasion of mercerised durable-press cotton/polyester fabrics, effect of 143 and storage on durable-press finishes, effect of 74  
**Lead** legislation in the paint industry 43  
**Leather** (see also Dyeing, Finishing, Hides, Suedes, Tanning) bactericides 320 manufacture today (Comment) 77

## L

**Leather** – continued microfibres, wet-blue 239 and oil mixtures, detection of sperm oil in 239 production of titanium-tanned 76 a shoe scientist looks at 76  
**Light**, the mechanism by which dyes protect polyamide material from 115  
**Light fastness** of dyes of disperse dyes on carrier-free poly(ethylene terephthalate) 319 of nylon automotive upholstery, selecting dyes for optimising 114  
**Linen** fabrics, relaxation of 399 roving, development of an intensive process for bleaching 204  
**Loose stock**, dyeing of 142  
**Low** add-on equipment for the application of liquids and foams 264  
**Liquid ammonia**, equipment for treating fabrics with 237 – the structural changes in cotton on treatment of fabrics with 176  
**Liquids** and foams, low add-on equipment for the application of 264  
**Luminol diphthalocyanine**, synthesis, spectral and electrochemical properties of substituted 114

## M

**Machine** costs and ways to bring them under control 41 dyeing, fabric scouring unit linked directly to ultrarapid 175 – piece 237 for washing moving fabric 237 instruments, dyes, pigments and auxiliaries, review of these 397

**Machines**, continuous decatizing 75 flexible system for fully automatic control of dyeing 175

**Manufacture** of viscose rayon fibres (P) 150

**Marketing** and design (Comment) 177

**Mathematical** model of dyeing, correction factors in the 398

– of the dyeing process, solution of equations of a 396

– of filtration through a column of packages 283

**Measurement** and control, of dye exhaustion in batchwise dyeing 142

– of peroxide bleaching liquors, thermometric on-line 143

photocolorimetric, of dye concentration, estimation of the error in the 400

**Measurements** in scouring processes 317 systematic errors in Shirley Analyser 400

**Melamine**/polyester resins, latent acid-catalysed curing of 240

**Membership** – we all have a part to play (Comment) 321

**Mercerisation**, hot, of circular knitted fabrics 115

**Mercerised** durable-press cotton/polyester fabrics, effect of laundering on abrasion of 143

**Metal complexes** and tetrabromophthalic acid as flame retardants for wool, evaluation of 399

**Methine** dyes, chain substituted styryl cyanine 39 – derived from 1,3-diaryl-1,2-dihydro-2-oxopyrimidine salts 114

**Microbial** decomposition, evaluation of odours produced on textiles by 400

**Microprocessors** and dyeing machine controllers 144

**Microspectrophotometric** study of ozone fading of disperse dyes in nylon 400

**Migration** and finishing in crease-resist, water-repellent and flame-retardant processes, influence of minimum application procedures on 144

of sulphuric acid during carbonisation of wool fabrics 143

**Modacrylic** and acrylic fibres in blends, determining 238

**Molecular** and atomic structure (EP) 303, (EP) 382 and crystal structure of Ciba Yellow 3G 397

**Monooazo** dyes, direct 235

**Monomers**, fungicidal, polymers and latices 43

**Mothproofing** agent comprising a pyrethroid and a hexahydropyrimidine, a complete and highly effective (CI) 118

agents, the biological evaluation of pyrethroids as potential (CI) 52

## N

**1,4-Naphthoquinonoid** dyes, colour and the constitution of (CI) 257

**Non-woven** materials, development of a transfer printing process for 284

**Non-wovens**, bonding of 319 and carpets, Fleissner foam system for 318

**Nuclear magnetic resonance**, identification of N-methyl reactants using 319

**Nylon** (see also Bleaching, Dyeing, Fading, Flame-proofing, Flame-retardant, Polyamide, Printing) automotive upholstery, selecting dyes for optimising light fastness of 114

and cellulose acetate fabrics printed with disperse dyes, a process for improving the whiteness of the backgrounds 115

concentration dependence of the diffusion coefficient of acid dyes in (CI) 92

dyeing of 175

fabric, transfer printing knitted 399 graft copolymers towards disperse, acid and direct dyes, behaviour of 176

## N

**Nylon** – continued microspectrophotometric study of ozone fading of disperse dyes in 400

**Nylon 6**, accelerated dyeing of, with direct dyes 350

diffusion of dye in 174

## O

### Obituary Notices

Campbell M V 233

Ellison E 232

Everest A E 232

Gaunt A 232

Peters L 232

Ponting K G 396

Rhodes W K 349

Stevens C B 349

Tempest P A 233

Thomson A 141

Oil, sperm, detection of, in leather and oil mixtures 239

**Oligomer** content of polyester fibres, effect of auxiliaries on the 238

**Optimisation** of resin finishing processes particularly in regard to changes in hue 284

**Organic solvents**, the effect of, on the state and absorbing power of disperse and reactive dyes 317

– study of the solubility of vat dyes in 317

**Organophosphorus** esters, fibre-reactive, suitable for insectproofing of wool (CI) 45

**Oxygen** in peroxide bleaching processes for cotton fabrics, the role of 317

the role of singlet in the photodestruction of reactive dyes 316

**Ozone** fading of disperse dyes in nylon, microspectrophotometric study of 400

**Ozonisation** of Auramine O 235

## P

**Package** dyeing, the use of colour physics in the automation and control of (P) 253

**Packages**, mathematical model of filtration through a column of 238

**Padding**, drying and thermal processes, algorithm for solving problems in 396

process, principles of 236

**Paint film adhesion**, physico-chemical interpretation of 43

films, testing the mould resistance of 238

industry, lead legislation in 43

islands in 238

stability and flocculation in 238

**Paints**, micaeous iron oxide 320 and printing inks, combustibility of water-borne 239

**Pastes**, print, investigations of the composition of reactive dye 175

use of EMA copolymers in disperse dye print 175

**Perchloroethylene**, textile finishing with, with regards to environmental and energy considerations 238

treatment of textiles with, with regards to the environment and energy considerations 240, 352

**Peroxide** bleaching liquors, thermometric on-line measurement and control of 143

**Peroxibenzozate** anions as low-temperature bleaches, substituent effects (CI) 17

**Photocolorimetric** measurement of dye concentration, estimation of the error in 400

**Photodegradation** of cotton fabrics, a polarographic method for determining 42

**Photodestruction** of fibres and fading of dyes, diarylamides for inhibition 74

of reactive dyes, the role of singlet oxygen in the 216

**Photofading** of Acridine Orange N 235

of anthraquinone disperse dyes in epoxy resin films 142

of colours, the effects of fluorescent substances on the 188

**Photoinduced** dark reactions of some cationic dyes 281

**Photometry**, direct in dyeing 319

**Photoreaction** of crystal violet on polymers 235

**Photostabilisation** of polypropylene 39

**Phthalocyanine** dyes, thin layer chromatographic behaviour of some novel analogues of (CI) 198

**Phthalocyanines** in printing, use of a new form of 40

**Physical and chemical properties** of foams 73

**Physico-chemical** basis of finishing processes 236

properties of biomonochlorotriazine dyes containing double chromophore systems 281

**Pick-up**, liquor, in the continuous dyeing of cellulosic fabrics 174

systems, low wet 318

**Pigments**, preservation of 320

**Pigment** printing and crease-resist finishing, combined thermal treatment for 263

surface energies and pigment dispersions 238

**Pigmentation**, mass, of polyester 174

– of polypropylene 235

– of viscose 174

**Pigmented** fibres, selective bleaching of, in white raw wool 116

**Pigments**, benzidine type, synthesis of 3,5-bis(m-*m*'-di-substituted-*p*-aminophenyl)-*N*-amino-1,2,4-triazole and its application to 39

chromatic, tinting strength of 42

**dyes**, auxiliaries, machinery and instruments, review of new 397

energy transfer between fluorescent organic 319

**Pigments** - continued  
 organic, identification of 238  
 titanium dioxide, interaction between 39

**Pile**, applied, in flock printing, investigation of the density distribution of the 284  
 density, the functional dependence between the maximum, and the fundamental parameters of the flock printing process 350  
 fabrics, knitted, the finishing of 75  
 - production of patterns on, by Küsters foam-colour system 318

**Plasma treatment of textiles** 42

**Polarity**, on the surface, and the dispersibility of disperse dyes 235

**Pollution**, environmental, caused by scouring processes 217  
 - reduction of, in the textile industry 144

**Polyalkylene oxide modified silicones**, non-ionic surfactants based on 114

**Polyamide** (see also Flame-resistant, Nylon)  
 dyeing 316  
 the mechanism by which dyes protect, material from light 115  
 textile materials, the effect of water-repellent finishing on the absorption and electrical properties of 144

**Polyamine** pretreatments, shrink-resist efficiency enhancement of two polymers on wool by 399

**Polyester** (see also Bleaching, Colouring, Disperse dyes, Dyeing, Flame-resistant, Fluorescent brightness, Oil-repellency, Printing, Processing, Soil release, Spinning, Water-repellency)  
 - based textiles, improvement of, by the use of soil-release finishes 399  
 blends, effect of scouring on the absorption of dyes by 398  
 - singeing of 319  
 carpet, high temperature dyeing of 174  
 cellulosic blends, one-bath single-stage continuous dyeing of 282  
 - production of fast dyes on 143  
 cellulosic fabrics, discharge resists on 399  
 - for single-bath dyeing of 282  
 coloration, the structure and properties of disperse dyes in (P) 183  
 /cotton blends, dyeing and finishing of textured 40  
 - optimised dyeing system for HT dyeing of polyester and 73  
 - printing with bentonite and special disperse dyes 40  
 /cotton fabrics, high temperature dyeing of 360  
 /cotton hospital uniforms, whiteness retention and wear of laundered and dry-cleaned 351  
 discharge, resin printing of 399  
 - resists on 399  
 dye agglomeration in the package dyeing of 235  
 dyeability of, modified by solvent pretreatment 73  
 - improved, by pretreatment with carriers 39  
 effects of solubility parameters on disperse dyeing of 283  
 fabrics, for continuous dyeing processes, examination of the absorbancy of 176  
 - for luxuriant 174  
 - during dyeing, test method for the susceptibility to wrinkling of 115  
 - dyes for rapid dyeing of 174  
 - high temperature dyeing of 360  
 - hydrophobic finishing of 284  
 - singeing of 319  
 - the use of disperse dyes containing ester groups to produce discharge effects on fully-dyed lightweight (C) 358  
 fibre, dyeing, the influence of the kinetics of dissolution of disperse on the kinetics of (C) 207  
 - effect of auxiliaries on the oligomer content of 238  
 fibres, dyable without carrier, dyeing and finishing of woven fabrics containing 39  
 - during behaviour of 175  
 - effect of certain intensifiers on the physical properties of 40  
 - effects of solvent treatment on dyeing of 398  
 - kinetics and thermodynamics of the continuous dyeing of, with disperse dyes 40  
 high temperature dyeing of, with disperse dyes in aqueous dybaths 143  
 hydrophilic finishing of 176  
 mass, coloration of 398  
 - pigmentation of 174  
 materials, finishing of Trevira CS flame-retardant 176 /melamine resins, latent acid-catalysed curing of 240  
 non-carrier concept of the dyeing of 360  
 optimised dyeing system for HT dyeing of 73  
 rapid dyeing of 115  
 /viscose blended yarn, simultaneous dyeing and texturing of 282  
 wet-on-wet discharge printing of 115  
 /wool, solvent and wet treatment of 399  
 Polyethylene bags, and wrappings 352  
 - the yellowing of white fabrics and garments stored in 44

**Polyethylene terephthalate**, light fastness of dyeings of disperse dyes on carrier-free 319

**Polymer beads**, pigmented 230

**Polymers**, biological activity of, with chemically bound biocides 43  
 biological spoilage of 239  
 glossy, surface coloration of, by solvent diffusion 319 and latices, fungicidal monomers 43  
 photoreaction of crystal violet on 235  
 on wool, determination of the presence and distribution of (C) 11

**Polymerisation**, radiation 76

**Polymethine dyes** of the thiazolopyrimidine series 73

**Polypropylene**, mass pigmentation of 235  
 modified, dyeing 398  
 photostabilisation of 39

**Polyurethane**, improving the consumer properties of woolen fabrics treated with 41  
 fibre, dyeing properties of 74

**Polystyrene**, crystallisation of disperse dye in 176

**Practice and theory of rapid dyeing** 235

**Precision and sensitivity in the sealed jar test for formaldehyde release** 400

**Preparation of the dye solutions and storage of dyes** 114 open-width, of woven cotton fabrics 175

**Preservation** of hides with sulphite 239  
 wood 320

**Pressures**, vapour, and heats of sublimation of some coupling components (C) 60

**Pretreatment**, bactericides for, in suspension dyeing of hides and skins 320  
 with carriers, improved dyeability of polyester by 39 of cellulosic fabrics, complexing agents in the 142 processes, mastering of chemicals in continuous 316  
 - rationalisation of 284

**Print design** 74

**Printed**, cellulosic fabrics, with reactive dyes, improving the washing-off of 175

**Printing** (see also Dyeing, Effluent, Fixing agents, Thickeners)  
 and bubble dyeing 142  
 of carpets, transfer 40  
 of cellulosic, fibres, resist and discharge 236, 351  
 - textile materials, composition for 115  
 conventional, with disperse dyes, factors affecting dye transfer in (C) 363  
 discharge-resist, of polyester 351  
 and dyeing, continuous 142  
 - and finishing machinery 318  
 - methods of system analysis in modelling the processes of 236  
 flock, investigation of the density distribution of the applied pile in 284  
 improving the fixation of dyes after 283  
 inks and paints, combustibility of water-borne 239  
 measuring instrument for use in textile 398  
 natural silk, fabrics, intensification of processes of 317  
 - with reactive dyes, use of solvatos AB in 398  
 - thermofixation of reactive dyes after 283  
 polyester/cotton blends with bentonite and special disperse dyes 40  
 polyester, wet-on-wet discharge 115  
 process, flock, the functional dependence between the maximum pile density and the fundamental parameters of the 350  
 for non-woven materials, development of a transfer 284

production of screens for screen 283  
 pigment, and crease-resist finishing, combined thermal treatment for 283  
 reactive and acid dyes for 284  
 rotary screen, influence of the screen on prints produced by 398  
 - side-to-side levelling 350

systems, automated flock, investigation of the rheological properties of the adhesive in 350  
 and continuous dyeing, disperse dyes for 73  
 textile, computer colour control in 76  
 - costings in 175  
 - possibilities of colour measurements in 175  
 - special effects in 236

thickeners, investigations into the structure of, on the basis of their flow properties 283

transfer, knitted nylon fabric 399

triacetate fabrics, use of fluorescent brightening agents in 236

use of new form of phthalocyanogen in 40  
 wool 236  
 - developments in 283  
 - and silk, discharge 350

woven and knitted fabrics, energy-saving fixation of reactive dyes in 317

**Prints**, influence of the screen on, produced by rotary screen printing 398  
 washing-off 317

**Process controls** 361  
 technology and textile plant development for the future, some thoughts on (P) 248

**Properties** and requirements of detergents 316  
 and structure of disperse dyes in polyester coloration (P) 183

**Protection** of wool during dyeing at high temperature by modification with DMDHEU derivatives 115

**Pyrethroids** and a hexahydropyrimidine, a complete and highly effective mothproofing agent comprising a (C) 118

**Pyrethroids** as potential mothproofing agents, the biological evaluation of (C) 52

**3-Pyridylazo dyes**, spectrophotometric studies on 397

**R**

**Radiation, gamma**, on direct dye/cellulosic interaction, effect of 144  
 polymerisation 76

**Radio-frequency developments related to the textile industry** 44

**Rationalisation** of pretreatment process 284

**R & D**, textile, within the EEC (Comment) 117

**Reactive dyes** (see also Dyeing, Fixation, Printing)  
 acid-catalysed, on cotton 143, 174  
 behaviour of, in washing-off treatments 114  
 in cellulose, the effect of liquid ammonia on the state of 317  
 - substrate the effect of thickeners on the diffusion of 115  
 disperse, dyeing cotton/lavsan (polyester) fabrics with 281  
 and disperse dyes, the effect of organic solvents on the state and absorbing power of 317  
 development of novel, with a mixed bifunctional reactive system 39  
 developments in batchwise dyeing of cellulosic knitted fabrics with 282  
 dyeing, alkali swollen and alkali swollen solvent exchange cotton with 143  
 - silk fabrics by a cold process 143  
 improving the washing-off of cellulosic fabrics printed with 175  
 print pastes, investigations of the composition of 175  
 in printing  
 - woven and knitted fabrics, energy-saving fixation of 317

**Remazol** 399  
 the role of singlet oxygen in the photodestruction of 316

study of the kinetics of, dyeing cellulose with, in water/alcohol solutions 263

fixation of, on wool in a continuous dyeing process 175

thermofixation of, after printing natural silk 283  
 use of Solvatos AB in printing natural silk with 398

**Reactive resist techniques**, production of coloured resists on cellulosic grounds by vat discharge 282  
 solvent 240

**Reduction**, cobalt dioximines, accelerators of vat dye 78

**Reflection** technique, determination of the finish on flame-retarded acrylic fabrics by an infra-red spectrometric (C) 333

**Relaxation** in tension and fixation of wool 76

**Remazol dyes** 316  
 chemistry of 281

**Requirements** and properties of detergents 316

**Research**, this business of (Comment) 285

**Resin** finishing processes, optimisation of, particularly in regard to changes in hue 284

**Resist and discharge printing** of cellulosic fabric 283

**Resistance**, flow-through, in dyeing textiles 39  
 mould, of paint films, testing the 238

**Resists**, coloured, on cellulosic grounds by vat discharge and reactive resist techniques, production of 282

discharge, on all-polyester and polyester/cellulosic fabrics 399

**Review of Books** (the names of reviewers are given in brackets)

**Beginner's Guide to Spinning** by H M Wickens (C B Stevens) 173

**Beginner's Guide to Weaving** by K Ponting (C B Stevens) 173

**Beginner's Guide to Fabric Dyeing** by S & P Robinson (C B Stevens) 173

**Chromatography**, Ed by A Flechter (W A Straw) 234

Colour by H Rossotti (D Patterson) 280

**Detergent Analysis** by B M Milwidsky and D M Gabriel (W A Straw) 233

**Dyehouse Laboratory Practice** by T M Thompson (A Samuels) 396

**Engineering in Textile Coloration**, Ed by C Duckworth (H Ellis) 234

**Fundamentals Científicos y Aplicados de la Tintura de Materiales Textiles** by J Cegarra, P Puente and J Valdeperas (S R Cockett) 280

**Handbook of Public Speaking for Scientists and Engineers** by P Kenny (C B Stevens) 141

**Microprocessors and Microcomputers in the Textile Industry**, Ed by P L Grady and G N Mock (J H Nobbs) 285

**Outlines in Paint Technology, Vol 1 Materials**, by W M Morgans (J H Nobbs) 233

**The Production and Application of Fluorescent Brightening Agents** by Milos Zahradnik (D Bartoni) 173

**A Practical Introduction to Fibre and Tow Coloration** by G Clarke (D M Lewis) 280

**Synthetic Dyes for Natural Fibres** by L Knutson (M Routley) 234

**Textile Wet Processes, Vol. 1: Preparation of Fibres and Fabrics** by E S Olson (H Holme) 396

**Rheological properties of the adhesive in automated flock printing systems**, investigation of the 350

**Rinses** and dyes, identification and quantitative estimation of oxidation 73

**Rope** fabrics, dyeing behaviour of 114  
 form, bleaching fabrics in, using turbulent flow 284  
 - dyeing of carpet in 175

**Rosin**, gum, maleicimalic acid from 43

## S

**Scouring** 317  
aspects of substance exchange in 317  
and dyeing natural silk in hard packages, investigation of the factors influencing the quality of 235  
effect of, on the absorption of dyes by polyester blends 336  
**Saline ammonia**, an evaluation of (C) 335  
fabric, unit linked directly to ultra-rapid dyeing machine 175  
machine, open-width 318  
processes, environmental pollution caused by 317  
- measurements in 317  
solvent 317  
systems, open-width 318  
of wool, solvent 236  
**Screen**, influence of, on prints produced by rotary screen printing 398  
**Screens** for screen printing, production of 283  
**Sensitivity and precision** in the sealed jar test for formaldehyde release, assuring 400  
**Setting and drying**, process control in 399  
of polymer-stabilised creases in wool garments by atmospheric-pressure steaming 237  
of wool and stress relaxation 116  
**Shear passing formula**, the search for the ideal 400  
**Shampoo fastness** of carpets 176  
**Shampooing of textile floor coverings**, colour fastness (ISPI) 286  
**Short liquor yarn dyeing** 73  
**Shrink-resist efficiency enhancement** of two polymers on wool by polyamine pretreatments 399  
finished wool with fluorescent compounds, selective staining of 237  
polymers, applying, to wool fabrics at room temperature using pad-store methods 116  
process, a TEM study of the cause of failure in the chlorine - Hercosett and sequential bleaching treatment of wool (C) 154  
**Shrink-resistance** and dye affinity, the benzoylation of wool and its effect on (C) 354  
to woolen materials, imparting 41  
**Shrink-resistant** finishing of wool 318  
**Shrink-resisting** and bleaching of wool, chemistry of the oxidative 237  
wool with silicone polymers 237  
**Sheepskins**, tanning of wooly 320  
**Silk** (see also *Silks*)  
fabrics, intensification of processes of printing natural 317  
- reactive dyes for dyeing, by a cold process 143  
- and viscose lining, continuous dyeing of viscose 235  
formation of cross-links in, by dyeing with a difluorochloropyrimidyl dye (C) 56  
garments, wash fastness testing of dyed 351  
natural, in hard packages, investigation of the factors influencing the quality of scouring and dyeing 235  
- thermofixation of reactive dyes after printing 283  
- use of Solvatox AB in printing with reactive dyes 358  
- weighting with bentonites 236  
and wool, discharge printing of 350  
**Silanes** on the metal surface 239  
**Silantes** in paints 239  
**Silicate-free** bleaching of cotton 284  
**Stabilisers** bleaching of wool with hydrogen peroxide and a (C) 261  
**Silicone** polymers, shrink-resisting wool with 237  
**Singeing** of polyester and polyester-blend fabrics 319  
**Size** on fabrics containing cellulose fibres, analysis of 102  
influence of urea on the properties of carboxymethyl cellulose 397  
**Sizing**, energy saving in 74, 116  
foam 116  
solvent 74  
**Skins and hides**, bactericides for pretreatment in suspension dyeing of 320  
**Sludge**, absorption of dyes on activated 174  
**Society of Dyers and Colourists** Annual Dinner 180  
Annual General Meeting 178  
ASDC Examination Papers for 1982 22  
Committee 1983-84 243  
Corporate and Non-corporate Membership 2  
Diplomas in colour technology 2  
Diplomas and medals presentation 170  
Dyer's Company and the coloration industries (Comment) 241  
Election of Officers and Members of Council 2  
Historical records 4  
Industry in Hong Kong (Comment) 45  
Journal, notice to authors of papers 3  
Library 4  
List of Explanatory Papers 212  
Membership fees and categories 2  
Obituary notices 141, 232, 233, 349, 396  
Objects 2  
Officers and Members of Council, election regulations 2  
Past Presidents 242  
Regions and Student Sections 246  
Report of Examinations Board 27  
Representatives on external bodies 245  
Student Members 2  
**Soil-release** finishes 176  
- improvement of polyester-based textiles by the use of 398  
**Soil-repellent** finishing, analysis of solutions in water and 319

**Solubilisation** of disperse dyes in mixtures of anionic and non-anionic surfactants 316  
**Solubility** parameters, effects of, on disperse dyeing of polyester 283  
- for dyeing water swollen, solvent exchanged cotton with anionic dyes from mixed solvents 308  
of vat dyes in organic solvents, study of the 317  
**Solvent**, alkali swollen, and alkali swollen exchanged cotton with reactive dye, dyeing of 143  
dyeing, studies of 40  
mixtures, aggregation behaviour of acid dyes in (C) 126  
- determination of the water content of 240  
- dyeing of water swollen, solvent exchanged cotton with anionic dyes from dimethylformamide-trichloroethylene 397  
pretreatment, dyeability of polyester modified by 73  
recovery 240  
scouring 317  
starch 74  
techniques, energy savings by 144  
treatment on dyeing of polyester fibres, effects of 398  
and wet treatment of polyester/wool and wool fabrics 399  
**Solvents** and additives in coatings, reactivity of aluminium with 43  
and natural gas in the textile industry, explosion risks in using 43  
**Spectral**, synthesis and electrochemical properties of substituted luteicum diphthalocyanine 114  
**Spectrophotographic**, Mössbauer, contribution to the chemistry of tin - phosphate - silicate weighting of silk 238  
**Spectroscopy**, photoacoustic, for the study of absorption of dyes on wool fabrics (C) 123  
**Stabilisers** for peroxide bleaching, evaluation of (C) 86  
**Stability** and flocculation in latex paint 238  
**Staining** of adjacent fabrics, instrumental assessment of (see 101)  
selective, of shrink-resist finished wool with fluorescent compounds 237  
test for the evaluation of the surface characteristics of 400  
**Standards**, fluorescence 42  
**Steam**, efficient utilisation of 352  
**Steamers**, the operation of, in continuous dyeing of carpet 74  
**Steaming**, the setting of polymer-stabilised creases in wool garments by atmospheric-pressure 237  
**Stilbene** fluorescent brightening agents on cotton, stabilising 281  
**Storage** of dyes and preparation of dye solutions 114  
and laundering on durable press finishes, effects of 74  
phenolic yellowing of textiles during (C) 201  
in polyethylene bags and wrappings 352  
yellowing of white and pastel coloured textiles on 43  
**Stress relaxation** and setting of wool 116  
**Structure and properties** of disperse dyes in polyester coloration (P) 183  
Styryl cyanine dyes, methine chain substituted 39  
**Sublimation**, vapour pressures and heats of, of some coupling components (C) 60  
**Sulphur content**, the relation between the scoured colour of raw wool and its 42  
**Sulphite**, precipitation of hides with 239  
**Substitution** of PF-novolacs 239  
**Surface-active** agents, ionic, on the dyeing of Hercosett wool with  $\alpha$ -bromocrotonamide dyes, the influence of (C) 374  
**Surfactants** (see also *Detergents*)  
anionic and non-anionic, solubilisation of disperse dyes in mixtures of 316  
chemistry of 316  
and direct dyes, interaction between 176  
non-ionic, based on polyalkylene oxide modified silicones 114  
polyoxyethylene non-ionic, effect of, in dyeing wool with acid dyes 350  
on undyed cotton, identification of 175  
**Swelling** treatment, application of, in increasing the yield of dyeing on cotton fabric 40  
**Synthesis** of 3,5-bis(*m,m'*-di-substituted-*p*-aminophenyl)-*N*-amino-1,2,4-triazole and its application to benzidine type pigments 39  
of copper phthalocyanine 281  
and fluorescence of thiazole and benzothiazole derivatives 142  
<sup>1</sup>H-NMR and electronic absorption spectra and halochromic properties of bis-(1,2-dimethyl-3-indolimyl) heteroarylmethane dyes 281  
of isomeric azo disperse dyes of pyridobenzimidazole 142  
and properties of some 9,10-dihydro-7H-imidazol(1,2-*b*)-benzof[*o*]isoquinolin-7-one derivatives 142  
spectral and electrochemical properties of substituted luteicum diphthalocyanine 114  
**Synthetic polymer** fibres 238  
- role of diffusion in corner dyeing of (C) 131  
**Systems** analysis in modelling the processes of dyeing and printing, methods of 236

**Tannery** - continued  
wastes, chrome recovery from 230  
**Tanning**, chrome utilisation in chrome 239  
of woolly sheepskins 230  
**Temperature**, dyeing wool at reduced 282  
**Tension** and fixation of wool, relaxation in 78  
**Testing** of antimicrobial finishes 400  
Wash-fastness 42  
of dyed silk garments, wash fastness 351  
programmed environmental 318  
**Tetrabromophthalic acid** and metal complexes as flame retardants for wool, evaluation of 289  
**Textile colorimetry** 42  
fabrics, coating of 400  
fibres, biodegradation of, as seen under microscope 238  
floor coverings, colour fastness to chempoing of (ISPI) 286  
- flammability of 352  
industry, explosion risks in using solvents and natural gas in the 43  
- foam wet processing in the 288  
- radio-frequency developments related to the 44  
- reduction of environmental pollution in the 144  
materials, process for imprinting synthetic 351  
plant development and process technology for the future, some thoughts on (P) 246  
production today - a joint task for weavers and finishers 237  
R & D within the EEC (Comment) 117  
substrates, staining test for the evaluation of the surface characteristics of 400  
**Textiles**, drying of, by the Remastex process 236  
evaluation of odours produced on, by microbial decomposition 400  
finishing of 399  
formation of yellow stains on stored white 43  
phenolic yellowing of, during storage (C) 201  
plasma treatment of 42  
reversible yellowing of 43  
treatment of, with perchloroethylene with regards to the environment and energy considerations 240  
352  
yellowing of white and pastel coloured, on storage 43  
**Texturing** and dyeing, simultaneous, of polyester/viscose blended yarn 262  
**Theory and practice of rapid dyeing** 235  
**Thermal**, padding and drying processes, algorithm for solving problems in 388  
rupture of the reactive dye/cellulose bond 114  
treatment, combined, for pigment printing and crease-resist finishing 283  
**Thermodynamics and kinetics** of the continuous dyeing of polyester fibres with disperse dyes 40  
**Thermofixation** acetate fabrics 238  
processes, dyeing of cotton and its blends with wet dyes using 281  
of reactive dyes after printing natural silk 263  
**Thiazole** derivatives, synthesis and fluorescence of 142  
**Thiazolopyrimidine** series, polymethine dyes of the 73  
**Thiazolopyrimidinium** polymethine dyes, nature of absorption bands of 397  
**Thickeners** compositions, synthetic, with reduced salt and shear sensitivity 40  
**Thickeners**, the effect of, on the diffusion of reactive dyes in cellulose substrate 115  
printing, investigations into the structure of, on the basis of their flow properties 283  
**Thinting** strength of chromatic pigments 42  
**Titanium-tanned** leather, production of 76  
**Training** before training for survival, the survival of (Comment) 145  
**Transfer**-pad-cure technique, durable-press finishing of cotton drill using 116  
**Treatment time**, device for regulating the 237  
**Tricelate** blends, the dyeing of 38  
fabrics, use of fluorescent brightening agents in printing 236  
**Trichloropyrimidene** dyes, dyeing of cellulose fibres with 143

## U

**Upholstery** fabrics, flammability of 352  
nylon automotive, selecting dyes for optimising light fastness 114  
**Urea** and glycol, reaction between, in textile finishing 41  
influence of, on the properties of carboxymethylcellulose sizes 397

## V

**Vacuum** technology in dyeing 282  
treatment before fire-resistant finishing, the effect of 284  
**Vacu-foam** system for foam application 284  
**Vat** discharge and reactive resist techniques, production of coloured resists on cellulose grounds by 282  
**Vat** dyes and crease-resist finishing, a two-stage combined process for dyeing with 115  
dyeing, of cotton and its blends with, using thermo-

**Vat dyes** - continued  
- oxidation processes 281  
- with solubilised, with azotropic steaming 282  
in organic solvents, study of the solubility of 317  
reduction, accelerators, cobalt dioximates 74  
**Viscose lining and silk fabrics, continuous dyeing of**  
235  
mass pigmentation of 174  
rayon fibres, the manufacture of (P) 150

## W

**Wash fastness** of dyeings on cotton, effect of detergents containing fluorescent whiteners on the 319  
testing 42

**Washing at 60°C 351**

moving fabric, machine for 237  
- off, of cellulosic fabric printed with reactive dyes, improving the 175  
- of prints 317  
- treatments, behaviour of reactive dyes in 114  
- unit 318

**processes**, effect of electrolytes with and without complexing properties, ion exchangers, and enzymes in 317  
- and surfactants, chemistry of 316  
temperature on the germ content of washed goods, effect of 352

**Waste water**, analysis for dyes in textile dyeing 75  
**Water** (see also Effluent, Purification)

/alcohol solutions, study of the kinetics of dyeing cellulose with reactive dyes in 283  
and aqueous acid solutions, stability of cellulosic materials to 75

content of solvent mixtures, determination of the 240

- repellent, crease-resist and flame-retardant processes, influence of minimum application procedures on migration and finishing in 144  
- finishing, analysis of solutions in soil- and 319

- of polyamide textile materials 144

**Wear and whitening** retention of laundered and dry-cleaned polyester/cotton hospital uniforms 75

**Weavers and finishers**, textile production today - a joint task for 237

**Weighting of silk**, Mössbauer spectrophotographic contribution of the chemistry of tin-plate-silicate 238

- natural, with bentonites 238

**Wet and dry finishing**, yellowing of wool during 284  
pick-up in cotton fabric finishing with foam, extending the lower limit of 74

processing, energy costs in textile 73

**White fabrics and garments**, the yellowing of, stored in polyethylene bags 44  
and pastel coloured textiles, yellowing of, on storage 43

textiles, formation of yellow stains on stored 43

**Whiteners**, a process for improving the of the backgrounds of cellulosic acetate and nylon fabrics printed with disperse dyes 115  
retention and wear of laundered and dry-cleaned polyester/cotton hospital uniforms 75

**Wood preservation 320**

**Wool** (see also Bleaching, Coloration, Carbonylation, Crease recovery, Finishing, Flame retardant, Keratin, Levelling, Printing, Protein, Scouring, Shrink resistance, Shrink resisting, Soaking, Washing, Yellowing)

the benzoylation of, and its effect on dye affinity and shrink resistance (C) 364  
bleaching, chemistry of 237

- with hydrogen peroxide and a silicate stabiliser (C) 261  
- sequential, and shrink-resist treatment of (C) 76  
damage caused during finishing and dyeing processes 76

determination of the presence and distribution of polymers on (C) 11

evaluation of metal complexes and tetrabromophthalic acid as flame retardants for 399

dyeing, from aqueous acid, some observations 64  
- the Dosacid system in 143

fabrics, applying shrink-resist polymers to, at room temperature using pad-store methods 116  
- carbonisation of 116

- foam 318

- migration of sulphuric acid during 143

finishing of 116, 143, 176, 237, 284

- photoacoustic spectroscopy for the study of adsorption of dyes on (C) 123

- containing polyester fibres, dyeing and finishing of, dyeable without carrier 39

- solvent and wet treatment of 399

- woven, the effect of fibre properties and weave crimp on the hygral expansion of 238

factors affecting the performance of insectproofing agents applied to, during dyeing (C) 6

fibre-reactive organophosphorous esters suitable for insectproofing of (C) 46

fibres, acid dyes on extended 262

- the effect of dyeing and bleaching to tip-to-root differences in 39

- the effect of the surface of, on the absorption of dyes 283

influence of, ionic surface-active agents on the dyeing of Hercosett, with  $\alpha$ -bromosuccinamide dyes (C) 374

- oxyethylated alkylamines in the dyeing of (C) 291

knitted goods, one-bath anti-felting finishing and dyeing of 74

printing 236

- developments in 283

the production of easily dyed, an evaluation of saline ammonia scouring (C) 335

protection of, during dyeing at high temperatures by modification with DMDHEU derivatives 115

raw, the relations between the scoured colour of, and

**Wool** - continued

its suint content 42

relaxation in tension and fixation of 76

selective staining of shrink-resist finishes, with fluorescent compounds 237

shrink-resist efficiency enhancement of two polymers on, by polyamide pretreatments 399

shrink-resistant finishing of 318

shrink-resisting, with silicone polymers 237

and silk, discharge printing of 360

solvent scouring of 236

study of the kinetics of fixation of reactive dyes on, in a continuous dyeing process 175

year, yellowing of, during autoclave setting 351

yellowing of, during wet and dry finishing 284

Woolen fabrics treated with polyurethane, improving the consumer properties of 41

materials, imparting shrink resistance to 41

**Wools**, reduced, the liquid retention of, in aqueous solutions 42

**Wrinkling** of polyester fabrics during dyeing, test method for the susceptibility to 115

## X

**Xenon reference fabric**, fading of 75

## Y

**Yarn and dope or spun-dyed cellulose acetate**, colours of 382

**dyability** of nomex aramid 74

dyeing, control in carpets 175

- short liquor 73

tension, the effect of changes in fabric on the process of thermosol dyeing 115

**Yellow stains**, formation of, on stored white textiles 43

**Yellowing**, phenolic, of textiles during storage (C) 201

of textiles, reversible 43

of white, fabrics and garments stored in polyethylene bags, the 44, 352

- and pastel coloured textiles on storage 43

of wool, during wet and dry finishing 284

yarn during autoclave setting 351

## Z

**Zwitterion compounds** as catalysts in easy-care finishing, unusual effects of some 237

# ABBREVIATIONS FOR WORDS OTHER THAN NAMES OF UNITS

## used in The Journal of the Society of Dyers and Colourists

These are printed in roman (upright) type. Lower case letters should be used for the whole abbreviation, i.e. D.C. not D.c. For these abbreviations, full stops are used. In verbal text, however, it is recommended that, with few exceptions, the words should be spelt in full. (Traditional exceptions include 'a.c.' for 'alternating current' when used as an adjective; 'r.m.s.' for 'root mean square'.)

No distinction is made between singular and plural.

In special cases abbreviations other than those listed may be used, but as far as possible they will be given either as in standard English dictionaries or in BS 1991 : Part 1 : 1967.

For names of units see J.S.D.C., 94 (October 1978) 448

absolute	abs.	ethyl	Et	observed	obs.
acetyl	Ac	experiment	expt	on weight of fibre	o.w.f.
alkyl radical (in chemical formula)	Alk	experimental	exptl		
alternating current	a.c.				
anhydrous	anhyd.	fluorescent brightener	FB	para-	p-
anthraquinone	AQ	fluorescent whitening agent	FWA	parts per million	p.p.m.
approximate, -ly	approx., ca	freezing point	f.p.	per cent	% (or in full)
aqueous	aq.	gas liquid chromatography	g.l.c.	phenyl	Ph
aryl radical (in chemical formula)	Ar	German Patent	German P	poly(vinyl acetate)	PVAc
asymmetric (applied to organic compounds)	asym.	greater than	>	poly(vinyl alcohol)	PVA
atomic	at.	Grenwich mean time	G.M.T.	poly(vinyl chloride)	PVC
atomic weight	at. wt	halogen (in chemical formula)	Hal	potential difference	p.d.
average	av.	high performance liquid chromatography	h.p.l.c.	precipitate	precip.
boiling point	b.p.	high temperature	HT	precipitated	precipid.
British Patent	BP	hour	h	precipitation	precipn
calculated	calc.	infrared	i.r.	preparation	prep.
centre of gravity	c.g.	inorganic	inorg.	proportional to	proport.
concentrated	conc.	insoluble	insol.		
concentration	concn	laevorotatory	laevo, (-)-	qualitatively	qual.
configuration (carbohydrates and amino acids)	D, L	less than	<	quantitatively	quant.
constant	const.	liquid	liq.	radio frequency	r.f.
crease resist	CR	liquor:goods ratio	LR	recrystallised	recrys.
crystalline, -ised	cryst.	logarithm (decadic)	log	relative humidity	r.h.
cubic centimetre (etc.)	cm <sup>3</sup> (etc.)	logarithm (natural)	In	revolutions per minute	rev./min
cycle	c	maximum	max.	root mean square	r.m.s.
decomposition	decomp.	melamine-formaldehyde	MF	saturate(d)	sat.
degree of polymerisation	DP	melting point	m.p.	second	s
degree of substitution	DS	meta-	m-	soluble	sol.
denier	den.	methyl	Me	solution	soln.
derivative	deriv.	minimum	min.	standard temperature and pressure	s.t.p.
dextrorotary	dextro, (+)-	minute	min.	substituted	subst.
diameter, inside	i.d.	molar (concentration)	M	substitution on nitrogen, oxygen, etc	N-, O-, etc.
diameter, outside	o.d.	molecular, molecule	mol.	symmetrical (organic compound)	s-
dimethylformamide	DMF	molecular weight	mol. wt	temperature	temp.
dimethylethylenurea	DMEU	nanometre	nm	tertiary (organic compound)	t-
dimethylolpropyleneurea	DMPU	normal (concentration)	N	thin layer chromatography	t.l.c.
dimethylolidihydroxylenurea	DMDHEU	normal (organic compound)	n-	United States Patent	USP
dilute	dil.	not greater than	>	ultraviolet	U.V.
direct current	d.c.	not less than	<	unsaturated	unsat.
distilled	dist.	nuclear magnetic resonance	n.m.r.	unsubstituted	unsubst.
electromagnet resonance	e.m.r.	organic	org.	urea-formaldehyde	UF
electromotive force	e.m.f.	ortho-	o-	vacuum	vac.
electron spin resonance	e.s.r.	equimol.	oz	vapour density	v.d.
equation	eqn	equivalent		vapour pressure	v.p.
equimolecular	equimol.			volume	vol.
equivalent	equiv.			weight	wt

# List of Periodicals Abstracted

With Abbreviated Titles used

JANUARY - December 1983

ABBREVIATED TITLE	JOURNAL	ADDRESS OF PUBLISHER
<i>Amer. Dyestuff Rep.</i>	American Dyestuff Reporter	630 Third Avenue, New York, N.Y. 10017, U.S.A.
<i>Aust. Text.</i>	Australasian Textiles	Australasian Textiles, Box 286, Belmont 3216, Victoria, Australia
<i>Bull. Sci. Inst. Text. France</i>	Bulletin de l'Institut Textile de France	35 rue des Abondances, 92, Boulogne-sur-Seine, France.
<i>Bull. Res. Inst. Polymers &amp; Text. Japan</i>	Bulletin of the Research Institute for Polymers and Textiles	1-1-4 Yatabe-Higashi, Tsukuba, Ibaraki Pref. 305, Japan.
<i>Chem. in Britain</i>	Chemistry in Britain	The Chemical Society, Burlington House, London, W1V 0BN.
<i>Chem. and Ind.</i>	Chemistry and Industry	The Society of Chemical Industry, 14 Belgrave Square, London SW1X 8PS.
<i>Chemiefasern &amp; Textilindustrie</i>	Chemiefasern & Textilindustrie	Deutscher Fachverlag GmbH, Frankfurt am Main 1, Postfach 3666, W. Germany.
<i>Colour Res. Appl.</i>	Colour Research and Application	J. Wiley & Son Inc., 605 Third Avenue, New York 10158, U.S.A.
<i>Die Farbe</i>	Die Farbe	Musterschmidt-Verlag, 34 Göttingen, Turmstrasse 7, Postfach 421, W. Germany.
<i>Doklady Akad. Nauk S.S.S.R.</i>	Doklady Akademii Nauk S.S.S.R.	Academy of Sciences of the U.S.S.R., Moscow, K-62, Podsolennik pereulik 21, U.S.S.R.
<i>Dyer</i>	The International Dyer, Textile Printer, Bleacher and Finisher	IPC Industrial Press Ltd, 91 Kirkgate, Bradford BD1 1TB.
<i>Dyes and Pigments</i>	Dyes and Pigments	Applied Science Publishers Ltd, Ripple Road, Barking, Essex.
<i>Ind. Eng. Chem.</i>	Industrial and Engineering Chemistry	American Chemical Society, P.O. Box 3330, Columbus, Ohio 43210.
<i>Inter. J. Cosmetic Sci.</i>	International Journal of Cosmetic Science	Blackwell Scientific Publications Ltd, Osney Mead, Oxford OX2 0EL.
<i>Int. Text. Bull.</i>	International Textile Bulletin	Internationaler Textil-Service GmbH, Kesslerstrasse 9 CH-8952 Schlieren/Zurich, Switzerland.
<i>Izvestiya Akad. Nauk. S.S.S.R.</i>	Izvestiya Akademii Nauk S.S.S.R.	Academy of Sciences of the U.S.S.R., Moscow, Leninskii prospekt 47, U.S.S.R.
<i>J. Amer. Leather Chem. Assocn</i>	Journal of the American Leather Chemists' Association	Tanners' Council Research Laboratory, Room 5, Campus Station, Cincinnati, Ohio 45221, U.S.A.
<i>J.C.S. Perkin Trans.</i>	Journal of the Chemical Society, Perkin Transactions 1	Burlington House, London W1V 0BN.
<i>J. Coatings Technol.</i>	Journal of Coatings Technology	1315 Walnut Street, Philadelphia, Pa 19107, U.S.A.
<i>J. Indian Chem. Soc.</i>	Journal of the Indian Chemical Society	92 Acharya Prafulla Chandra Road, Calcutta 9, India.
<i>J. Nat. Chem. Lab. Industry</i>	Journal of the National Chemical Laboratory for Industry	National Chemical Laboratory for Industry, Yatabi Ibaraki 305, Japan.
<i>J. Oil Col. Chem. Assocn</i>	Journal of the Oil and Colour Chemists' Association	Priory House, 967, Harrow Road, Wembley, Middlesex HA9 2SF.
<i>J. Soc. Cosmetic Chem.</i>	Journal of the Society of Cosmetic Chemists	Ashbourne House, Alberon Gardens, London NW11 0BN.
<i>J. Soc. Leather Technol. Chem.</i>	Journal of the Society of Leather Technologists and Chemists	1 Edges Court, Moulton, Northampton NN3 1UJ.
<i>J. Textile Inst.</i>	Journal of the Textile Institute	10 Blackfriars Street, Manchester M3 5DR.
<i>Kolloid. zhur.</i>	Kolloidnyi zhurnal (Colloid Journal of the U.S.S.R.)	Academy of Sciences of the U.S.S.R., Moscow, Shubinskii pereulok 10, U.S.S.R.
<i>Melland Textilber.</i>	Melland Textilberichte International	Melland Textilberichte KGD, 69-00 Heidelberg, Rohrbacher Str. 76, W. Germany.
<i>Pakistan J. Sci. Ind. Res.</i>	Pakistan Journal of Scientific and Industrial Research	39 Garden Road, Karachi 3, Pakistan.
<i>Referat. zhur. 12B</i>	Referativnyi zhurnal, Legkaya promyshlennost'. 12B. Tekhnologiya i organizatsiya proizvodstva tekstil'noi promyshlennosti.	125219, Moscow, A-219 Baltiyskaya ulitsa, 14, U.S.S.R.
<i>Sen - i Gakkaishi</i>	Sen - i Gakkaishi	Senn - i Gakkai, 3-3-9-208, Kami-Osaki, Shinagawa-ku, Tokyo, Japan.
<i>Svensk Papperstidn.</i>	Svensk Papperstidning	Villagatan 1, 11432 Stockholm, Sweden.
<i>Teintex</i>	Teintex	60 rue de Richelieu, Paris (2e), France.
<i>Tekstil. prom.</i>	Tekstil'naya promyshlennost' (Textile Industry of the U.S.S.R.)	Gizelprom, Moscow, Tsentr, ulitsa Kirova 39, 6-iyetazh Komnata 620, U.S.S.R.
<i>Textil Praxis</i>	Textil Praxis	Redaktion, 7022 Leinfelden, Kohlhammerstr. 1, Postfach 13080, W. Germany.
<i>Text. Chem. Colorist</i>	Textile Chemist and Colorist	American Association of Textile Chemists and Colorists P.O. Box 12215, Research Triangle Park, North Carolina, 27709, U.S.A.
<i>Textile Horizons</i>	Textile Horizons	10 Blackfriars Street, Manchester M3 5DR.
<i>Text. Research J.</i>	Textile Research Journal	Publications Dept., P.O. Box 625, Princeton, New Jersey 08540, U.S.A.
<i>Textilveredlung</i>	Textilveredlung	Der Verlag, Postfach 146, CH-4013 Basle, Switzerland.
<i>Ukrain Khim. Zhur.</i>	Ukrainskii khimicheskii zhurnal (Ukrainian Chemical Journal)	Kiev, 30 ulitsa Leontovicha 9a, U.S.S.R.
<i>Zhur. obshch. khim.</i>	Zhurnal obshchey Khimii (Journal of General Chemistry of the U.S.S.R.)	Academy of Sciences of the U.S.S.R., Leningrad B-164, Mendelevskaya liniya, U.S.S.R.
<i>Zhur. priklad. khim.</i>	Zhurnal prikladnoi Khimii (Journal of Applied Chemistry of the U.S.S.R.)	Academy of Sciences of the U.S.S.R., Leningrad B-164, Mendelevskaya liniya, U.S.S.R.





